



Salesforce

Exam Questions JavaScript-Developer-I

Salesforce Certified JavaScript Developer I

NEW QUESTION 1

Refer to the code below:

```
<html lang="en">
<table onclick="console.log(Table log);">
<tr id="row1">
<td>Click me!</td>
</tr>
</table>
<script>
function printMessage(event) { console.log('Row log');
}
Let elem = document.getElementById('row1'); elem.addEventListener('click', printMessage, false);
</script>
</html>
```

Which code change should be made for the console to log only Rowlog when 'Click me! ' is clicked?

- A. Add.event.stopPropagation(); to window.onLoad event handler.
- B. Add event.stopPropagation(); to printMessage function.
- C. Add event.removeEventListener(); to window.onLoad event handler.
- D. Addevent.removeEventListener(); toprintMessage function.

Answer: B

NEW QUESTION 2

Refer to the code snippet:

```
01 function getAvailabilityMessage(item) {
02     if (getAvailability(item)) {
03         var msg = "Username available";
04     }
05     return msg;
06 }
```

A developer writes this code to return a message to userattempting to register a new username. If the username is available, variable. What is the return value of msg hen getAvailabilityMessage ("newUserName") is executed and getAvailability("newUserName") returns false?

- A. "Username available"
- B. "newUserName"
- C. "Msg is not defined"
- D. undefined

Answer: D

NEW QUESTION 3

Refer to the following code:

Let sampleText = 'The quick brown foxjumps';

A developer needs to determine if a certain substring is part of a string. Which three expressions return true for the given substring ?

Choose 3 answers

- A. sampleText.includes('fox');
- B. sampleText.includes(' quick ', 4);
- C. sampleText.includes('Fox ', 3)
- D. sampleText.includes(' fox ');
- E. sampleText.includes(' quick ') !== -1;

Answer: BDE

NEW QUESTION 4

Refer to the code below:

```
01 let o = {
02     get js() {
03         let city1 = String('St.Louis');
04         let city2 = String('New York');
05
06         return {
07             firstCity: city1.toLowerCase(),
08             secondCity: city2.toLowerCase(),
09         }
10     }
11 }
```

What value can a developer expect when referencing o.js.secondCity?

- A. Undefined

- B. ' new york '
- C. ' New York '
- D. An error

Answer: B

NEW QUESTION 5

A developer at Universal Containers creates a new landing page based on HTML, CSS, and JavaScript TO ensure that visitors have a good experience, a script named personalizeContext needs to be executed when the webpage is fully loaded (HTML content and all related files), in order to do some custom initialization. Which statement should be used to call personalizeWebsiteContent based on the above business requirement?

- A. document.addEventListener("onDOMContentLoaded", personalizeWebsiteContext);
- B. window.addEventListener('load',personalizeWebsiteContext);
- C. window.addEventListener('onload', personalizeWebsiteContext);
- D. Document.addEventListener("DOMContentLoaded" , personalizeWebsiteContext);

Answer: B

NEW QUESTION 6

A class was written to represent items for purchase in an online store, and a second class Representing items that are on sale at a discounted price. The constructor sets the name to the first value passed in. The pseudocode is below:

```
class Item {
  constructor(name, price){
    ... // Constructor Implementation
  }
}

class SaleItem extends Item {
  constructor(name, price, discount){
    ... // Constructor Implementation
  }
}
```

There is a new requirement for a developer to implement a description method that will return a brief description for Item and SaleItem.

```
01 let regItem = new Item('Scarf', 55);
02 let saleItem = new SaleItem('Shirt', 80, .1);
03 Item.prototype.description = function() { return 'This is a ' + this.name; }
04 console.log(regItem.description());
05 console.log(saleItem.description());
06
07 SaleItem.prototype.description = function() { return 'This is a discounted ' + this.name; }
08 console.log(regItem.description());
09 console.log(saleItem.description());
```

What is the output when executing the code above ?

- A. This is a ScarfUncaught TypeError:saleItem.description is not a function This is aScarfThis is a discounted Shirt
- B. This is a Scarf This is a Shirt This is a ScarfThis is a discounted Shirt
- C. This is a Scarf This is a ShirtThis is a discounted Scarf This is a discounted Shirt
- D. This is aScarfUncaught TypeError: saleItem.description is not a function This is a ShirtThis is a did counted Shirt

Answer: B

NEW QUESTION 7

Refer to code below:

```
Function muFunction(reassign){
  Let x = 1;
  var y = 1;
  if( reassign ) {
    Let x= 2;
    Var y = 2;
    console.log(x);
    console.log(y);}
  console.log(x);
  console.log(y);}
```

What is displayed when myFunction(true) is called?

- A. 2 2 1 1
- B. 2 2 undefined undefined
- C. 2 2 1 2
- D. 2 2 2 2

Answer: C

NEW QUESTION 8

Which function should a developer use to repeatedly execute code at a fixed interval ?

- A. setInterval
- B. setTimeout
- C. setPeriod
- D. setInteria

Answer: A

NEW QUESTION 9

Which three browser specific APIs are available for developers to persist data between page loads ? Choose 3 answers

- A. IIFEs
- B. indexedDB
- C. Global variables
- D. Cookies
- E. localStorage.

Answer: ABE

NEW QUESTION 10

A developer is setting up a new Node.js server with a client library that is built using events and callbacks. The library:

* Will establish a web socket connection and handle receipt of messages to the server

* Will be imported with require, and made available with a variable called we.

The developer also wants to add error logging if a connection fails.

Given this info, which code segment shows the correct way to set up a client with two events that listen at execution time?

- A.
- ```
04 ws.connect(() => {
05 console.log('Connected to client');
06 }).catch((error) => {
07 console.log('ERROR', error);
08 });
```
- B.
- ```
04 ws.on('connect', () => {
05   console.log('Connected to client');
06
07   ws.on('error', (error) => {
08     console.log('ERROR', error);
09   });
10 });
```
- C.
- ```
04 ws.on('connect', () => {
05 console.log('Connected to client');
06 });
07
08 ws.on('error', (error) => {
09 console.log('ERROR', error);
10 });
```
- D.
- ```
04 try {
05   ws.connect(() => {
06     console.log('Connected to client');
07   });
08 } catch(error) {
09   console.log('ERROR', error);
10 }
```

Answer: C

NEW QUESTION 10

Refer to the code:


```
01 function Vehicle(name, price) {
02   this.name = name;
03   this.price = price;
04 }
05 Vehicle.prototype.priceInfo = function () {
06   return 'Cost of the ${this.name} is ${this.price}$';
07 }
08 var ford = new Vehicle('Ford Fiesta', '20,000');
```

Given the requirement to refactor the code above to JavaScript class format, which class definition is correct?

A)

```
01 class Vehicle {
02   constructor(name, price) {
03     this.name = name;
04     this.price = price;
05   }
06   priceInfo() {
07     return 'Cost of the ${this.name} is ${this.price}$';
08   }
09 }
```

B)

```
01 class Vehicle {
02   vehicle(name, price) {
03     this.name = name;
04     this.price = price;
05   }
06   priceInfo() {
07     return 'Cost of the ${this.name} is ${this.price}$';
08   }
09 }
```

C)

```
01 class Vehicle {
02   constructor(name, price) {
03     name = name;
04     price = price;
05   }
06   priceInfo() {
07     return 'Cost of the ${this.name} is ${this.price}$';
08   }
09 }
```

D)

```
01 class Vehicle {
02   constructor() {
03     this.name = name;
04     this.price = price;
05   }
06   priceInfo() {
07     return 'Cost of the ${this.name} is ${this.price}$';
08   }
09 }
```

A.

Answer: B

NEW QUESTION 15

developer is trying to convince management that their team will benefit from using Node.js for a backend server that they are going to create. The server will be a web server that handles API requests from a website that the team has already built using HTML, CSS, and JavaScript.

Which three benefits of Node.js can the developer use to persuade their manager? Choose 3 answers:

- A. It installs with its own package manager to install and manage third-party libraries.
- B. Ensures stability with one major release every few years.
- C. Performs a static analysis on code before execution to look for runtime errors.
- D. Executes server-side JavaScript code to avoid learning a new language.

E. User non blocking functionality for performant request handling .

Answer: ACE

NEW QUESTION 16

Given the following code: `document.body.addEventListener('click', (event) => { if (/* CODE REPLACEMENT HERE */) { console.log('button clicked!'); } });`

Which replacement for the conditional statement on line 02 allows a developer to correctly determine that a button on page is clicked?

- A. `Event.clicked`
- B. `e.nodeTarget == this`
- C. `event.target.nodeName == 'BUTTON'`
- D. `button.addEventListener('click')`

Answer: C

NEW QUESTION 18

Given the code below: `Function myFunction(){ A =5; Var b =1; }`
`myFunction(); console.log(a); console.log(b);`
What is the expected output?

- A. Both lines 08 and 09 are executed, and the variables are outputted.
- B. Line 08 outputs the variable, but line 09 throws an error.
- C. Line 08 throws an error, therefore line 09 is never executed.
- D. Both lines 08 and 09 are executed, but values outputted are undefined.

Answer: B

NEW QUESTION 22

A developer needs to test this function:

```
01 const sum3 = (arr) => (  
02   if (!arr.length) return 0,  
03   if (arr.length === 1) return arr[0],  
04   if (arr.length === 2) return arr[0] + arr[1],  
05   return arr[0] + arr[1] + arr[2],  
06 );
```

Which two assert statements are valid tests for the function? Choose 2 answers

- A. `console.assert(sum3(1, '2')) == 12;`
- B. `console.assert(sum3(0)) == 0;`
- C. `console.assert(sum3(-3, 2)) == -1;`
- D. `console.assert(sum3('hello', 2, 3, 4)) === NaN;`

Answer: AC

NEW QUESTION 23

Which javascript methods can be used to serialize an object into a string and deserialize a JSON string into an object, respectively?

- A. `JSON.stringify` and `JSON.parse`
- B. `JSON.serialize` and `JSON.deserialize`
- C. `JSON.encode` and `JSON.decode`
- D. `JSON.parse` and `JSON.deserialize`

Answer: A

NEW QUESTION 24

A developer wrote the following code to test a `sum3` function that takes in an array of numbers and returns the sum of the first three numbers in the array, and the test passes.

A different developer made changes to the behavior of `sum3` to instead sum only the first two numbers present in the array.

```
01 let res = sum3([1, 4, 1]);  
02 console.assert(res === 6);  
03  
04 res = sum3([1, 5, 0, 5]);  
05 console.assert(res === 6);
```

Which two results occur when running this test on the updated `sum3` function? Choose 2 answers

- A. The line 05 assertion passes.
- B. The line 02 assertion passes.
- C. The line 02 assertion fails.
- D. The line 05 assertion fails.

Answer: BD

NEW QUESTION 27

The developer wants to test this code:

Const toNumber =(strOrNum) => strOrNum; Which two tests are most accurate for this code? Choose 2 answers

- A. console.assert(toNumber('2') ===2);
- B. console.assert(Number.isNaN(toNumber()));
- C. console.assert(toNumber('-3') < 0);
- D. console.assert(toNumber () === NaN);

Answer: AC

NEW QUESTION 28

A developer wants to iterate through an array of objects and count the objects and count the objects whose property value, name, starts with the letter N.

Const arrObj = [{"name" : "Zach"} , {"name" : "Kate"}, {"name" : "Alise"}, {"name" : "Bob"}, {"name" : "Natham"}, {"name" : "nathaniel"}]

Refer to the code snippet below: 01 arrObj.reduce((acc, curr) => { 02 //missing line 02

2 //missing line 03

04).0);

Which missing lines 02 and 03 return the correct count?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Explanation

NEW QUESTION 30

Which three actions can be using the JavaScript browser console? Choose 3 answers:

- A. View and change DOM the page.
- B. Display a report showing the performance of a page.
- C. Run code that is not related to page.
- D. view , change, and debug the JavaScript code of the page.
- E. View and change security cookies.

Answer: ACD

NEW QUESTION 34

Refer to HTML below:

<div id ="main">

<div id = " card-00">This card is smaller.</div>

<div id = "card-01">The width and height of this card is determined by its contents.</div>

</div>

Which expression outputs the screen width of the element with the ID card-01?

- A. document.getElementById(' card-01 ').getBoundingClientRect().width
- B. document.getElementById(' card-01 ').style.width
- C. document.getElementById(' card-01 ').width
- D. document.getElementById(' card-01 ').innerHTML.lenght*e

Answer: A

NEW QUESTION 35

A developer writes the code below to calculate the factorial of a given number.

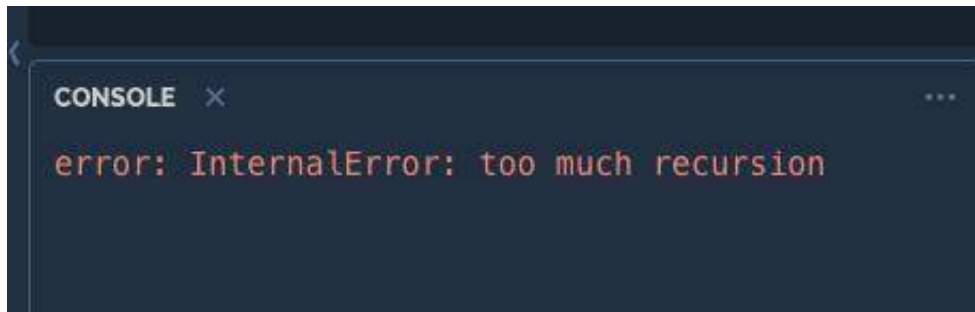
```
01 function factorial(number) {  
02   return number * factorial(number - 1);  
03 }  
04 factorial(3);
```

What is the result of executing line 04?

- A. 6
- B. -Infinity
- C. RuntimeError

Answer: D

Explanation:



NEW QUESTION 37

Given the code below: Setcurrent URL ();
 console.log('The current URL is: ' +url); function setCurrentUrl() {
 Url = window.location.href;
 What happens when the code executes?

- A. The url variable has local scope and line 02 throws an error.
- B. The url variable has global scope and line 02 executes correctly.
- C. The url variable has global scope and line 02 throws an error.
- D. The url variable has local scope and line 02 executes correctly.

Answer: B

NEW QUESTION 42

At Universal Containers, every team has its own way of copyingJavaScript objects. The code Snippet shows an implementation from one team:

```
01 function Person() {
02   this.firstName = "John";
03   this.lastName = "Doe";
04   this.name = () => {
05     console.log('Hello ${this.firstName} ${this.lastName}');
06   }
07 }
08
09 const john = new Person();
10 const dan = JSON.parse(JSON.stringify(john));
11 dan.firstName = 'Dan';
12 dan.name();
```

What is the Output of the code execution?

- A. Hello Dan Doe
- B. Hello John DOe
- C. TypeError: dan.name is not a function
- D. TypeError: Assignment to constant variable.

Answer: C

NEW QUESTION 45

A developer wants to use a module named universalContainersLib and then call functions from it.
 How should a developer import every function from the module and then call the functions foo and bar?

- A. import * from '/path/universalContainersLib.js'; universalContainersLi
- B. foo ()7 universalContainersLib.bar ();
- C. import {foo,bar} from '/path/universalCcontainersLib.js'; foo():bar()?
- D. import all from '/path/universalContainersLib.js'; universalContainersLib.foo(); universalContainersLib.bar ();
- E. import * as lib from '/path/universalContainersLib.js'; lib.foo();li
- F. bar ();

Answer: D

NEW QUESTION 48

developer publishes a new version of a package with new features that do not break backward compatibility. The previous version number was 1.1.3.
 Following semantic versioning format, what should the new package version number be?

- A. 2.0.0
- B. 1.2.3
- C. 1.1.4
- D. 1.2.0

Answer: D

NEW QUESTION 53

A developer wants to leverage a module to print a price in pretty format, and has imported a method as shown below:
Import printPrice from '/path/PricePrettyPrint.js';
Based on the code, what must be true about the printPrice function of the PricePrettyPrint module for this import to work ?

- A. printPrice must be a named export
- B. printPrice must be an all export
- C. printPrice must be the default export
- D. printPrice must be a multi export

Answer: C

NEW QUESTION 54

Refer to code below:

```
01 let a = 'a';  
02 let b;  
03 // b = a;  
04 console.log(b);
```

What is displayed when the code executes?

- A. ReferenceError: b is not defined
- B. a
- C. Undefined
- D. Null

Answer: C

Explanation:



```
1 import 'bootstrap@4.6.0'  
2 import $ from 'jquery'  
3  
4 let a = 'a';  
5 let b;  
6 // b = a;  
7 console.log(b);
```

CONSOLE x
undefined

NEW QUESTION 57

Universal Containers (UC) notices that its application that allows users to search for accounts makes a network request each time a key is pressed. This results in too many requests for the server to handle.

Address this problem, UC decides to implement a debounce function on string change handler.

What are three key steps to implement this debounce function? Choose 3 answers:

- A. If there is an existing setTimeout and the search string change, allow the existing setTimeout to finish, and do not enqueue a new setTimeout.
- B. When the search string changes, enqueue the request within a setTimeout.
- C. Ensure that the network request has the property debounce set to true.
- D. If there is an existing setTimeout and the search string changes, cancel the existing setTimeout using the persisted timerId and replace it with a new setTimeout.
- E. Store the timerId of the setTimeout last enqueued by the search string change handle.

Answer: ABC

NEW QUESTION 58

Refer to following code block:

```
Let array = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11,];  
Let output = 0;
```

```
For (let num of array){ if (output >0){  
Break;  
}  
if(num % 2 == 0){  
Continue;  
}  
Output +=num;  
What is the value of output after the code executes?
```

- A. 16
- B. 36
- C. 11
- D. 25

Answer: A

NEW QUESTION 61

Refer to the following object:

```
01 const cat = {  
02   firstName: 'Fancy',  
03   lastName: 'Whiskers',  
04   get fullName() {  
05     return this.firstName + ' ' + this.lastName;  
06   }  
07 };
```

How can a developer access the fullName property for cat?

- A. cat.fullName
- B. cat.fullName()
- C. cat.get.fullName
- D. cat.function.fullName()

Answer: A

NEW QUESTION 65

Given HTML below:

```
<div>  
  <div id="row-uc">Universal Containers</div>  
  <div id="row-as">Applied Shipping</div>  
  <div id="row-bt">Burlington Textiles</div>  
</div>
```

Which statement adds the priority = account CSS class to the universal Containers row ?

- A. Document.querySelector('#row-uc').classes.push('priority-account');
- B. Document.getElementById('row-uc').addClass('priority-account');
- C. Document.querySelector('#row-uc').classList.add('priority-account');
- D. Document.querySelectorAll('#row-uc').classList.add('priority-account');

Answer: B

NEW QUESTION 68

Refer to the code below: function changeValue(param) { Param =5;

}

Let a =10;

Let b =5; changeValue(b);

Const result = a+ " - " + b;

What is the value of result when code executes?

- A. 10 -10
- B. 5 -5
- C. 5 - 10
- D. 10 - 5

Answer: A

NEW QUESTION 73

Refer to the code below:

Let foodMenu1 =['pizza', 'burger', 'French fries']; Let finalMenu = foodMenu1; finalMenu.push('Garlic bread');

What is the value of foodMenu1 after the code executes?

- A. ['pizza', 'Burger', 'French fires', 'Garlic bread']
- B. ['pizza', 'Burger', 'French fires']

- C. ['Garlic bread' , 'pizza','Burger', 'French fires']
D. ['Garlic bread']

Answer: B

NEW QUESTION 74

Refer to the code snippet below:

Let array = [1, 2, 3, 4,4, 5, 4, 4];

```
For (let i =0; i < array.length; i++){ if (array[i] === 4) {  
array.splice(i, 1);  
}  
}
```

```
01 let array = [1, 2, 3, 4, 4, 5, 4, 4];  
02 for (let i=0; i < array.length; i++) {  
03     if (array[i] === 4) {  
04         array.splice(i, 1);  
05         i--;  
06     }  
07 }
```

What is the value of the array after the code executes?

- A. [1, 2, 3, 4, 5, 4, 4]
B. [1, 2, 3, 4, 4, 5, 4]
C. [1, 2, 3, 4, 5, 4]
D. [1, 2, 3, 5]

Answer: C

NEW QUESTION 77

Refer to the code below:

```
01 const myFunction = arr => {  
02     return arr.reduce((result, current) => {  
03         return result + current;  
04     }, 10);  
05 }
```

What is the output of this function when called with an empty array?

- A. Returns 0
B. Throws an error
C. Returns 10
D. Returns NaN

Answer: C

NEW QUESTION 82

developer creates a new web server that uses Node.js. It imports a server library that uses events and callbacks for handling server functionality.

The server library is imported with require and is made available to the code by a

variable named server. The developer wants to log any issues that the server has while booting up.

Given the code and the information the developer has, which code logs an error at boot with an event?

- A. Server.catch ((server) => { console.log('ERROR', error);});
B. Server.error ((server) => { console.log('ERROR', error);});
C. Server.on ('error', (error) => { console.log('ERROR', error);});
D. Try{server.start();} catch(error) { console.log('ERROR', error);}

Answer: C

NEW QUESTION 86

Given the code below:

```
const delay = async delay => {
  return new Promise((resolve, reject) => {
    setTimeout(resolve, delay);
  });
};

const callDelay = async () => {
  const yup = await delay(1000);
  console.log(1);
};

console.log(2);
callDelay();
console.log(3);
```

What is logged to the console?

- A. 1 2 3
- B. 1 3 2
- C. 2 1 3
- D. 2 3 1

Answer: D

NEW QUESTION 89

developer removes the HTML class attribute from the checkout button, so now it is simply:

<button>Checkout</button>.

There is a test to verify the existence of the checkout button, however it looks for a button with class= "blue". The test fails because no such button is found.

Which type of test category describes this test?

- A. True positive
- B. True negative
- C. False positive
- D. False negative

Answer: D

NEW QUESTION 94

Refer to code below:

Let productSKU = '8675309' ;

A developer has a requirement to generate SKU numbers that are always 19 characters lon, starting with 'sku', and padded with zeros.

Which statement assigns the values sku0000000008675309 ?

- A. productSKU = productSKU .padStart (19. '0').padstart('sku');
- B. productSKU = productSKU .padEnd (16. '0').padstart('sku');
- C. productSKU = productSKU .padEnd (16. '0').padstart(19, 'sku');
- D. productSKU = productSKU .padStart (16. '0').padstart(19, 'sku');

Answer: D

NEW QUESTION 96

Universal Containers (UC) just launched a new landing page, but users complain that the website is slow. A developer found some functions any that might cause this problem. To verify this, the developer decides to execute everything and log the time each of these three suspicious functions consumes.

Which function can the developer use to obtain the time spent by every one of the three functions?

```
01 console.time('Performance');
02
03 maybeAHeavyFunction();
04
05 thisCouldTakeTooLong();
06
07 orMaybeThisOne();
08
09 console.endTime('Performance');
```

- A. consol
- B. timeLog ()
- C. console.timeStamp ()
- D. console.trace()
- E. console.getTime ()

Answer: A

NEW QUESTION 98

Cloud Kicks has a class to represent items for sale in an online store, as shown below: Class Item{ constructor (name, price){ this.name = name; this.price = price; } formattedPrice(){

return 's' + String(this.price);}}

A new business requirement comes in that requests a ClothingItem class that should have all of the properties and methods of the Item class but will also have properties that are specific to clothes.

Which line of code properly declares the clothingItem class such that it inherits from Item?

- A. Class ClothingItem implements Item{
- B. Class ClothingItem {
- C. Class ClothingItem super Item {
- D. Class ClothingItem extends Item {

Answer: D

NEW QUESTION 99

A developer is asked to fix some bugs reported by users. To do that, the developer adds a breakpoint for debugging.

Function Car (maxSpeed, color){ This.maxspeed = maxSpeed; This.color = color;

Let carSpeed = document.getElementById(' CarSpeed'); Debugger;

Let fourWheels = new Car (carSpeed.value, 'red');

When the code execution stops at the breakpoint on line 06, which two types of information are available in the browser console ?

Choose 2 answers:

- A. The values of the carSpeed and fourWheels variables
- B. A variable displaying the number of instances created for the Car Object.
- C. The style, event listeners and other attributes applied to the carSpeed DOM element
- D. The information stored in the window.localStorage property

Answer: CD

NEW QUESTION 104

Refer to the expression below: Let x = ('1' + 2) == (6 * 2);

How should this expression be modified to ensure that it evaluates to false?

- A. Let x = ('1' + '2') == (6 * 2);
- B. Let x = ('1' + 2) == (6 * 2);
- C. Let x = (1 + 2) == ('6' / 2);
- D. Let x = (1 + 2) == (6 / 2);

Answer: B

NEW QUESTION 108

Refer to the code below:

01 const server = require('server');

02 /* Insert code here */

A developer imports a library that creates a web server. The imported library uses events and callbacks to start the servers

Which code should be inserted at the line 03 to set up an event and start the web server ?

- A. Server.start ();
- B. server.on(' connect ', (port) => { console.log('Listening on ', port);})
- C. server()
- D. serve((port) => (
- E. console.log('Listening on ', port) ;

Answer: B

NEW QUESTION 111

Developer uses the code below to format a date.

```
01 const date = new Date(2020, 05, 10);
```

```
02 const dateDisplayOptions = {
```

```
03   year: 'numeric',
```

```
04   month: 'long',
```

```
05   day: 'numeric'
```

```
06 };
```

```
07
```

```
08 const formattedDate = date.toLocaleDateString('en', dateDisplayOptions);
```

After executing, what is the value of formattedDate?

- A. May 10, 2020
- B. June 10, 2020
- C. October 05, 2020
- D. November 05, 2020

Answer: A

NEW QUESTION 116

Refer to the code below:

```
01 function foo() {
02     const a = 2;
03     function bar() {
04         console.log(a);
05     }
06     return bar;
07 }
```

Why does the function bar have access to variable a ?

- A. Inner function's scope
- B. Hoisting
- C. Outer function's scope
- D. Prototype chain

Answer: C

NEW QUESTION 118

is below:

<input type="file" onchange="previewFile()">

 The JavaScript portion is:

```
1 function previewFile(){
2 const preview = document.querySelector('img');
3 const file = document.querySelector('input[type=file]').files[0]; 04 //line 4 code
05 reader.addEventListener("load", () =>{ 06 preview.src = reader.result;
7 },false);
8 //line 8 code
9 }
```

In lines 04 and 08, which code allows the user to select an image from their local computer , and to display the image in the browser?

- A. 04 const reader = new File();08 if (file) URL.createObjectURL(file);
- B. 04 const reader = new FileReader();08 if (file) URL.createObjectURL(file);
- C. 04 const reader = new File();08 if (file) reader.readAsDataURL(file);
- D. 04 const reader = new FileReader();08 if (file) reader.readAsDataURL(file);

Answer: D

NEW QUESTION 120

Given the code below:

```
01 function GameConsole(name) {
02     this.name = name;
03 }
04
05 GameConsole.prototype.load = function(gamename) {
06     console.log(`${this.name} is loading a game: ${gamename}...`);
07 }
08
09 function Console16bit(name) {
10     GameConsole.call(this, name);
11 }
12
13 Console16bit.prototype = Object.create(GameConsole.prototype);
14
15 //insert code here
16 console.log(`${this.name} is loading a cartridge game: ${gamename}...`);
17 }
18
19 const console16bit = new Console16bit('SNEGeneziz');
20 console16bit.load('Super Monic 3x Force');
```

What should a developer insert at line 15 to output the following message using the method ?

> SNEGeneziz is loading a cartridgegame: Super Monic 3x Force . . .

- A. Console16bit.prototype.load(gamename) = function() {
- B. Console16bit.prototype.load = function(gamename) {
- C. Console16bit = Object.create(GameConsole.prototype).load = function (gamename) {
- D. Console16bit.prototype.load(gamename) {

Answer: B

NEW QUESTION 125

A test has a dependency on database.query. During the test the dependency is replaced with an object called database with the method, query, that returns an

array. The developer needs to verify how many times the method was called and the arguments used each time. Which two test approaches describe the requirement? Choose 2 answers

- A. Integration
- B. Black box
- C. White box
- D. Mocking

Answer: CD

NEW QUESTION 127

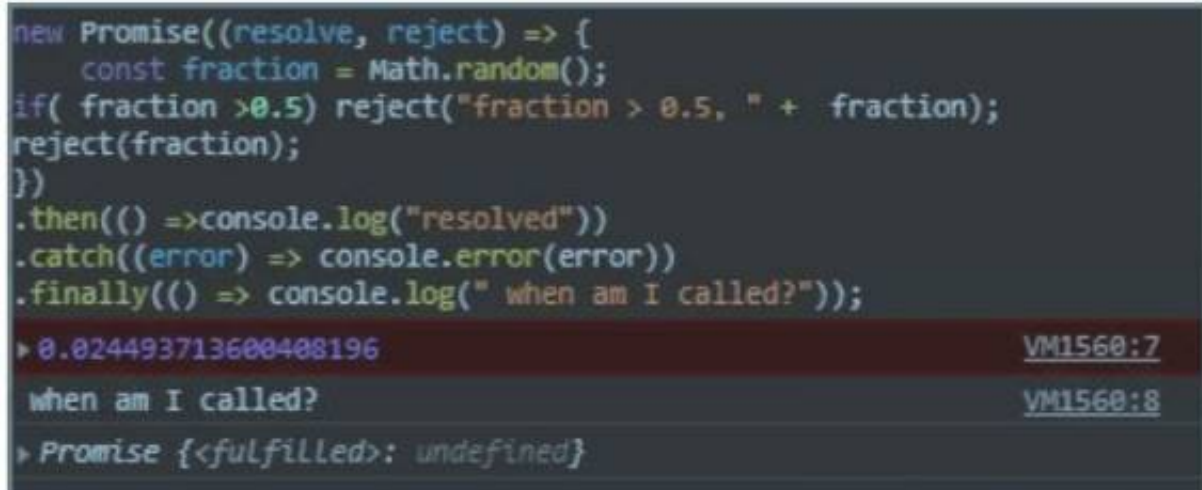
Refer to the code below: Function changeValue(obj) { Obj.value =obj.value/2;
 }
 Const objA = (value: 10);
 Const objB = objA; changeValue(objB); Const result = objA.value;
 What is the value of result after the code executes?

- A. 10
- B. Nan
- C. 5
- D. Undefined

Answer: C

NEW QUESTION 128

Refer to the code below:
 new Promise((resolve, reject) => { const fraction = Math.random();
 if(fraction >0.5) reject("fraction > 0.5, " + fraction); resolve(fraction);
 })
 .then(() =>console.log("resolved"))
 .catch((error) => console.error(error))
 .finally(() => console.log(" when am I called?"));



```

new Promise((resolve, reject) => {
  const fraction = Math.random();
  if( fraction >0.5) reject("fraction > 0.5, " + fraction);
  reject(fraction);
})
.then(() =>console.log("resolved"))
.catch((error) => console.error(error))
.finally(() => console.log(" when am I called?"));
> 0.024493713600408196 VM1560:7
  when am I called? VM1560:8
> Promise {<fulfilled>: undefined}
  
```



```

new Promise((resolve, reject) => {
  const fraction = Math.random();
  if( fraction >0.5) reject("fraction > 0.5, " + fraction);
  resolve(fraction);
})
.then(() =>console.log("resolved"))
.catch((error) => console.error(error))
.finally(() => console.log(" when am I called?"));
resolved VM1349:6
  when am I called? VM1349:8
> Promise {<fulfilled>: undefined}
  
```

When does Promise.finally on line 08 get called?

- A. When rejected
- B. When resolved and settled
- C. When resolved
- D. When resolved or rejected

Answer: D

NEW QUESTION 129

Refer to the following code: 01 function Tiger(){
 02 this.Type = 'Cat'; 03 this.size = 'large'; 04 }
 05
 06 let tony = new Tiger(); 07 tony.roar = () =>{
 8 console.log('They\'re great1');
 9 };
 10
 11 function Lion(){ 12 this.type = 'Cat'; 13this.size = 'large'; 14 }
 15

```
16 let leo = new Lion(); 17 //Insert code here
18 leo.roar();
```

Which two statements could be inserted at line 17 to enable the function call on line 18? Choose 2 answers.

- A. `Leo.roar = () => { console.log('They\'re pretty good:'); };`
- B. `Object.assign(leo,Tiger);`
- C. `Object.assign(leo,tony);`
- D. `Leo.prototype.roar = () => { console.log('They\'re pretty good:'); };`

Answer: AC

NEW QUESTION 134

Why would a developer specify a `package.json` as a development dependency instead of a dependency ?

- A. It is required by the application in production.
- B. It is only needed for local development and testing.
- C. Other required packages depend on it for development.
- D. It should be bundled when the package is published.

Answer: B

NEW QUESTION 138

Refer to the code below:

```
Const resolveAfterMilliseconds = (ms) => Promise.resolve ( setTimeout (( => console.log(ms), ms ));
Const aPromise = await resolveAfterMilliseconds(500); Const bPromise = await resolveAfterMilliseconds(500); Await aPromise, wait bPromise;
```

What is the result of running line 05?

- A. `aPromise` and `bPromise` run sequentially.
- B. Neither `aPromise` or `bPromise` runs.
- C. `aPromise` and `bPromise` run in parallel.
- D. Only `aPromise` runs.

Answer: B

NEW QUESTION 142

Which statement accurately describes the behaviour of the `async/await` keywords ?

- A. The associated class contains some asynchronous functions.
- B. The associated function will always return a promise
- C. The associated function can only be called via asynchronous methods
- D. The associated function sometimes returns a promise.

Answer: B

NEW QUESTION 145

A developer has the function, shown below, that is called when a page loads.

```
function onLoad() {
  console.log("Page has loaded!");
}
```

Where can the developer see the log statement after loading the page in the browser?

- A. Terminal running the web server.
- B. Browser performance tools
- C. Browser JavaScript console
- D. On the webpage.

Answer: C

NEW QUESTION 148

Teams at Universal Containers(UC) work on multiple JavaScript projects at the same time. UC is thinking about reusability and how each team can benefit from the work of others. Going open-source or public is not an option at this time. Which option is available to UC with npm?

- A. Private packages can be scoped, and scopes can be associated to a private registries.
- B. Private registries are not supported by npm, but packages can be installed via URL.
- C. Private packages are not supported, but they can use another package manager like yarn.
- D. Private registries are not supported by npm, but packages can be installed via git.

Answer: A

NEW QUESTION 149

Given a value, which three options can a developer use to detect if the value is NaN? Choose 3 answers !

- A. `value == NaN`

- B. Object.is(value, NaN)
- C. value === Number.NaN
- D. value !== value
- E. Number.isNaN(value)

Answer: AE

NEW QUESTION 154

Which statement accurately describes an aspect of promises?

- A. Arguments for the callback function passed to .then() are optional.
- B. In a.then() function, returning results is not necessary since callbacks will catch the result of a previous promise.
- C. .then() cannot be added after a catch.
- D. .then() manipulates and returns the original promise.

Answer: A

NEW QUESTION 159

A developer is debugging a web server that uses Node.js The server hits a runtimeerror every third request to an important endpoint on the web server. The developer added a break point to the start script, that is at index.js at the root of the server's source code. The developer wants to make use of chrome DevTools to debug. Which command can be run to access DevTools and make sure the breakdown is hit ?

- A. node -i index.js
- B. Node --inspect-brk index.js
- C. Node inspect index.js
- D. Node --inspect index.js

Answer: D

NEW QUESTION 162

A developer is required to write a function that calculates the sum of elements in an array but is getting undefined every time the code is executed. The developer needs to find what is missing in the code below.

```
Const sumFunction = arr => {  
  Return arr.reduce((result, current) => {  
    //  
    Result += current;  
    //  
  }, 10);  
};
```

Which option makes the code work as expected?

- A. Replace line 02 with return arr.map((result, current) => (
- B. Replace line 04 with result = result +current;
- C. Replace line 03 with if(arr.length == 0) (return 0;)
- D. Replace line 05 with return result;

Answer: D

NEW QUESTION 165

A developer creates a simple webpage with an input field. When a user enters text in the input field and clicks the button, the actual value of the field must be displayed in the console.

Here is the HTML file content:

```
<input type="text" value="Hello" name="input">  
<button type="button">Display</button>
```

The developer wrote the javascript code below:

```
01 const button = document.querySelector('button');  
02 button.addEventListener('click', () => {  
03   const input = document.querySelector('input');  
04   console.log(input.getAttribute('value'));  
05 });
```

When the user clicks the button, the output is always "Hello". What needs to be done to make this code work as expected?

- A. Replace line 04 with console.log(input .value);
- B. Replace line 03 with const input = document.getElementById('input');
- C. Replace line 02 with button.addCallback("click", function() {
- D. Replace line 02 with button.addEventListener("onclick", function() {

Answer: A

NEW QUESTION 166

Given two expressions var1 and var2. What are two valid ways to return the logical AND of the two expressions and ensure it is data type Boolean ? Choose 2 answers:

- A. Boolean(var1 && var2)
- B. var1 && var2
- C. var1.toBoolean() && var2.toBoolean()
- D. Boolean(var1) && Boolean(var2)

Answer: AD

NEW QUESTION 171

Which three statements are true about promises ? Choose 3 answers

- A. The executor of a new Promise runs automatically.
- B. A Promise has a .then() method.
- C. A fulfilled or rejected promise will not change states .
- D. A settled promise can become resolved.
- E. A pending promise can become fulfilled, settled, or rejected.

Answer: BCE

NEW QUESTION 176

Refer to the following code that imports a module named utils:

```
01 import {foo,bar} from '/path/Utils.js';
02 foo();
03 bar();
```

Which two implementations of Utils.js export foo and bar such that the code above runs without error?
Choose 2 answers

- A.

```
//FooUtils.js and BarUtils.js exist
import {foo} from '/path/FooUtils.js';
import {bar} from '/path/BarUtils.js';
export {foo, bar}
```
- B.

```
const foo = () => { return 'foo'; }
const bar = () => { return 'bar'; }
export {foo, bar}
```
- C.

```
export default class {
  foo() { return 'foo'; }
  bar() { return 'bar'; }
}
```
- D.

```
const foo = () => { return 'foo'; }
const bar = () => { return 'bar'; }
export default foo, bar;
```

Answer: BC

NEW QUESTION 177

A developer is leading the creation of a new browser application that will serve a single page application. The team wants to use a new web framework Minimalsit.js. The Lead developer wants to advocate for a more seasoned web framework that already has a community around it.

Which two frameworks should the lead developer advocate for? Choose 2 answers

- A. Vue
- B. Angular
- C. Koa
- D. Express

Answer: BD

NEW QUESTION 180

Refer to the code below:

```
Async funct on functionUnderTest(isOK) { If (isOK) return 'OK' ;
Throw new Error('not OK');
}
```

Which assertion accurately tests the above code?

- A. Console.assert (await functionUnderTest(true), ' OK ')
- B. Console.assert (await functionUnderTest(true), ' not OK ')
- C. Console.assert (await functionUnderTest(true), ' not OK ')
- D. Console.assert (await functionUnderTest(true), 'OK')

Answer: D

NEW QUESTION 184

A developer implements a function that adds a few values.

```
01 function sum(num) {
02   if (num === undefined) {
03     num = 0;
04   }
05   return function(num2, num3) {
06     if (num3 === undefined) {
07       num3 = 0;
08     }
09     return num + num2 + num3;
10   }
11 }
```

Which three options can the developer invoke for this function to get a return value of 10 ? Choose 3 answers

- A. Sum () (20)
- B. Sum (5, 5) ()
- C. sum() (5, 5)
- D. sum(5)(5)
- E. sum(10) ()

Answer: CD

NEW QUESTION 188

What is the result of the code block?

```
flag();
anotherFlag();

function flag() {
  console.log('flag');
}

const anotherFlag = () => {
  console.log('another flag');
}
```

- A. The console logs only 'flag'.
- B. The console logs 'flag' and another flag.
- C. An error is thrown.
- D. The console logs 'flag' and then an error is thrown.

Answer: D

NEW QUESTION 193

Given the JavaScript below:

```
1 function filterDOM (searchString) {
2   const parsedSearchString = searchString && searchString.toLowerCase() ;
3   document.querySelectorAll(' .account' ) . forEach(account => (
4     const accountName = account.innerHTML.toLowerCase();
5     account. Style.display = accountName.includes(parsedSearchString) ? /*Insert code*/;
6   ));
7 }
```

Which code should replace the placeholder comment on line 05 to hide accounts that do not match the search string?

- A. ' name ' : ' block '
- B. ' Block ' : ' none '
- C. ' visible ' : ' hidden '
- D. ' hidden ' : ' visible '

Answer: B

NEW QUESTION 194

developer wants to use a module named universalContainersLib and then call functions from it.

How should a developer import every function from the module and then call the functions foo and bar ?

- A. import * as lib from '/path/universalContainersLib.js'; lib.foo();lib.bar();
- B. import {foo, bar} from '/path/universalContainersLib.js'; foo();bar();
- C. import all from '/path/universalContainersLib.js'; universalContainersLib.foo(); universalContainersLib.bar();
- D. import * from '/path/universalContainersLib.js'; universalContainersLib.foo(); universalContainersLib.bar();

Answer: A

NEW QUESTION 195

Which two code snippets show working examples of a recursive function? Choose 2 answers

- A. Let countingDown = function(startNumber) { If (startNumber >0) { console.log(startNumber) ;return countingDown(startNUmber);} else {return startNumber;}};
- B. Function factorial (numVar) { If (numVar < 0) return;If (numVar === 0) return 1; return numVar -1;
- C. Const sumToTen = numVar => { If (numVar < 0)Return;return sumToTen(numVar + 1)};
- D. Const factorial =numVar => { If(numVar < 0) return;If (numVar === 0) return 1;return numVar * factorial (numVar - 1)};

Answer: AD

NEW QUESTION 198

Which option is true about the strict mode in imported modules?

- A. Add the statement use non-strict, before any other statements in the module to enable not-strict mode.
- B. You can only reference notStrict() functions from the imported module.
- C. Imported modules are in strict mode whether you declare them as such or not.
- D. Add the statement use strict =false; before any other statements in the module to enable not- strict mode.

Answer: B

NEW QUESTION 203

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