



Oracle

Exam Questions 1Z0-819

Java SE 11 Developer

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NEW QUESTION 1

Given:

What is the result?

- A. The compilation fails at line 9.
- B. The compilation fails at line 2.
- C. Hello World
- D. The compilation fails at line 8.

Answer: C

Explanation:

NEW QUESTION 2

A bookstore's sales are represented by a list of Sale objects populated with the name of the customer and the books they purchased.

```
public class Sale { private String customer;  
private List<Book> items;  
// constructor, setters and getters not shown  
}  
public class Book { private String name; private double price;  
// constructor, setters and getters not shown  
}
```

Given a list of Sale objects, tList, which code fragment creates a list of total sales for each customer in ascending order?

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: C

NEW QUESTION 3

Given:

Which two lines inserted in line 1 will allow this code to compile? (Choose two.)

- A. `protected void walk(){}`
- B. `void walk(){}`
- C. `abstract void walk();`
- D. `private void walk(){}`
- E. `public abstract void walk();`

Answer: AE

NEW QUESTION 4

Which code fragment does a service use to load the service provider with a Print interface?

- A. `private Print print = com.service.Provider.getInstance();`
- B. `private java.util.ServiceLoader<Print> loader = ServiceLoader.load (Print.class);`
- C. `private java.util.ServiceLoader<Print> loader = new java.util.ServiceLoader<> ();`
- D. `private Print print = new com.service.Provider.PrintImpl();`

Answer: B

NEW QUESTION 5

Which two commands are used to identify class and module dependencies? (Choose two.)

- A. `jmod describe`
- B. `java Hello.java`
- C. `jdeps --list-deps`
- D. `jar --show-module-resolution`
- E. `java --show-module-resolution`

Answer: CE

NEW QUESTION 6

Given:

What is the result?

- A. 2,34,34,5
- B. 2,34,54,5
- C. 2,54,54,5
- D. 2,34,54,3

Answer: C

Explanation:

NEW QUESTION 7

Given:

What is the result?

- A. Orange Juice
- B. The compilation fails.
- C. Orange Juice Apple Pie Lemmon Ice Raspberry Tart
- D. The program prints nothing.

Answer: C

Explanation:

NEW QUESTION 8

Given this enum declaration:

Examine this code: `System.out.println(Letter.values()[1]);`

What code should be written at line 5 for this code to print 200?

- A. `public String toString() { return String.valueOf(ALPHA.v); }`
- B. `public String toString() { return String.valueOf(Letter.values()[1]); }`
- C. `public String toString() { return String.valueOf(v); }`
- D. `String toString() { return "200"; }`

Answer: C

Explanation:

NEW QUESTION 9

Given:

Which two method implementations are correct, when inserted independently in line 1? (Choose two.)

- A. Option A
- B. Option B
- C. Option C
- D. Option D
- E. Option E

Answer: AE

NEW QUESTION 10

Given:

Which is true?

- A. The compilation fails due to an error in line 6.
- B. The compilation succeeds.
- C. The compilation fails due to an error in line 4.
- D. The compilation fails due to an error in line 10.
- E. The compilation fails due to an error in line 7.
- F. The compilation fails due to an error in line 9.
- G. The compilation fails due to an error in line 2.

Answer: A

NEW QUESTION 10

Given:

What is the result?

- A. null
- B. nothing
- C. It fails to compile.
- D. java.lang.IllegalAccessException is thrown.
- E. Student

Answer: C

NEW QUESTION 13

Given:

You want the code to produce this output:

John

Joe Jane

Which code fragment should be inserted on line 1 and line 2 to produce the output?

- A. Insert `Comparator<Person>` on line 1. Insert `public int compare(Person p1, Person p2) { return p1.name.compareTo(p2.name);}` on line 2.
- B. Insert `Comparator<Person>` on line 1. Insert `public int compareTo(Person person) { return person.name.compareTo(this.name);}` on line 2.
- C. Insert `Comparable<Person>` on line 1. Insert `public int compare(Person p1, Person p2) { return p1.name.compareTo(p2.name);}` on line 2.
- D. Insert `Comparator<Person>` on line 1. Insert `public int compare(Person person) { return person.name.compareTo(this.name);}` on line 2.

Answer: B

NEW QUESTION 14

Given:

Which statement on line 1 enables this code to compile?

- A. `Function<Integer, Integer> f = n > n * 2;`
- B. `Function<Integer> f = n > n * 2;`
- C. `Function<int> f = n > n * 2;`

- D. Function<int, int> f = n > n * 2;
- E. Function f = n > n * 2;

Answer: A

Explanation:

NEW QUESTION 19

Which two statements are correct about try blocks? (Choose two.)

- A. A try block can have more than one catch block.
- B. A finally block in a try-with-resources statement executes before the resources declared are closed.
- C. A finally block must be immediately placed after the try or catch blocks.
- D. A try block must have a catch block and a finally block.
- E. catch blocks must be ordered from generic to specific exception types.

Answer: AC

NEW QUESTION 22

Given:

executed using this command: java Myclass My Car is red What is the output of this class?

- A. Car--red--My
- B. My--Car--is
- C. My--is--java
- D. java--Myclass--My
- E. Myclass--Car--red

Answer: A

NEW QUESTION 24

Consider this method declaration:

- A) "SET SESSION AUTHORIZATION " + user
- B) "SET SESSION AUTHORIZATION " + stmt.enquotelidentifier(user) Is A or B the correct replacement for <EXPRESSION> and why?

- A. A, because it sends exactly the value of user provided by the calling code.
- B. B, because enquoting values provided by the calling code prevents SQL injection.
- C. A and B are functionally equivalent.
- D. A, because it is unnecessary to enclose identifiers in quotes.
- E. B, because all values provided by the calling code should be enquoted.

Answer: A

NEW QUESTION 28

Given:

Which three actions implement Java SE security guidelines? (Choose three.)

- A. Change line 7 to return names.clone();.
- B. Change line 4 to this.names = names.clone();.
- C. Change the getNames() method name to get\$Names().
- D. Change line 6 to public synchronized String[] getNames() {.
- E. Change line 2 to private final String[] names;.
- F. Change line 3 to private Secret(String[] names) {.
- G. Change line 2 to protected volatile String[] names;.

Answer: EFG

NEW QUESTION 33

Given:

What is required to make the Foo class thread safe?

- A. No change is required.
- B. Make the declaration of lock static.
- C. Replace the lock constructor call with new ReentrantLock (true).

D. Move the declaration of lock inside the foo method.

Answer: C

NEW QUESTION 35

Given:

Which two lines can replace line 1 so that the Y class compiles? (Choose two.)

- A. map.forEach((k, v) -> set(v));
- B. set(map.values());
- C. super.set(List<String> map)
- D. super.set(map.values());
- E. set(map)

Answer: BD

NEW QUESTION 38

Given:

What must be added in line 1 to compile this class?

- A. catch(IOException e) { }
- B. catch(FileNotFoundException | IndexOutOfBoundsException e) { }
- C. catch(FileNotFoundException | IOException e) { }
- D. catch(IndexOutOfBoundsException e) { }catch(FileNotFoundException e) { }
- E. catch(FileNotFoundException e) { }catch(IndexOutOfBoundsException e) { }

Answer: A

NEW QUESTION 42

Given:

Which two lines cause compilation errors? (Choose two.)

- A. line 12
- B. line 6
- C. line 9
- D. line 8
- E. line 7

Answer: BE

NEW QUESTION 43

Given:

Which two are correct? (Choose two.)

- A. The output will be exactly 2 1 3 4 5.
- B. The program prints 1 4 2 3, but the order is unpredictable.
- C. Replacing forEach() with forEachOrdered(), the program prints 2 1 3 4 5, but the order is unpredictable.
- D. Replacing forEach() with forEachOrdered(), the program prints 1 2 3 4 5.
- E. Replacing forEach() with forEachOrdered(), the program prints 2 1 3 4 5.

Answer: BD

Explanation:

NEW QUESTION 44

Given:

You want to use the myResource class in a try-with-resources statement. Which change will accomplish this?

- A. Extend AutoCloseable and override the close method.
- B. Implement AutoCloseable and override the autoClose method.
- C. Extend AutoCloseable and override the autoClose method.
- D. Implement AutoCloseable and override the close method.

Answer: D

NEW QUESTION 49

Which two describe reasons to modularize the JDK? (Choose two.)

- A. easier to understand the Java language
- B. improves security and maintainability
- C. easier to expose implementation details
- D. improves application robustness
- E. easier to build a custom runtime linking application modules and JDK modules

Answer: BD

NEW QUESTION 50

Given:

Examine these requirements:

Eliminate code duplication.

Keep constant the number of methods other classes may implement from this interface. Which method can be added to meet these requirements?

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: B

NEW QUESTION 51

Given:

What code must you insert on Line 1 to enable the code to print Hello world?

- A. Hello.Greeting myG = new Hello.Greeting() myG.sayHi();
- B. Hello myH = new Hello();Hello.Greeting myG = myH.new Greeting(); myG.sayHi();
- C. Hello myH = new Hello();Hello.Greeting myG = myH.new Hello.Greeting(); myG.sayHi();
- D. Hello myH = new Hello(); Greeting myG = new Greeting(); myG.sayHi ();

Answer: B

NEW QUESTION 53

Assume ds is a DataSource and the EMP table is defined appropriately.

What does executing this code fragment do?

- A. inserts two rows (101, 'SMITH', 'HR') and (102, 'JONES', NULL)
- B. inserts two rows (101, 'SMITH', 'HR') and (102, 'JONES', 'HR')
- C. inserts one row (101, 'SMITH', 'HR')
- D. throws a SQLException

Answer: C

NEW QUESTION 55

Given:

What is the result?

- A. null
- B. Joe Bloggs
- C. The compilation fails due to an error in line 1.
- D. p1

Answer: C

Explanation:

NEW QUESTION 57

Given:

You want to obtain the Stream object on reading the file. Which code inserted on line 1 will accomplish this?

- A. `var lines = Files.lines(Paths.get(INPUT_FILE_NAME));`
- B. `Stream lines = Files.readAllLines(Paths.get(INPUT_FILE_NAME));`
- C. `var lines = Files.readAllLines(Paths.get(INPUT_FILE_NAME));`
- D. `Stream<String> lines = Files.lines(INPUT_FILE_NAME);`

Answer: C

NEW QUESTION 61

Given:

What is the result?

- A. watermelonorangelemongrapeapricotapple
- B. nothing
- C. appleapricotgrapelemonorangewatermelon
- D. appleorangegrapelemonapricotwatermelon

Answer: A

Explanation:

NEW QUESTION 65

Which two are successful examples of autoboxing? (Choose two.)

- A. `String a = "A";`
- B. `Integer e = 5;`
- C. `Float g = Float.valueOf(null);`
- D. `Double d = 4;`
- E. `Long c = 23L;`
- F. `Float f = 6.0;`

Answer: AB

NEW QUESTION 66

Given:

Which two are secure serialization of these objects? (Choose two.)

- A. Define the serialPersistentFields array field.
- B. Declare fields transient.
- C. Implement only readResolve to replace the instance with a serial proxy and not writeReplace.
- D. Make the class abstract.
- E. Implement only writeReplace to replace the instance with a serial proxy and not readResolve.

Answer: AC

NEW QUESTION 68

Given:

Which two methods facilitate valid ways to read instance fields? (Choose two.)

- A. getTCount
- B. getACount
- C. getTotalCount
- D. getCCount
- E. getGCount

Answer: CD

NEW QUESTION 73

Given:

This code results in a compilation error.

Which code should be inserted on line 1 for a successful compilation?

- A. Consumer consumer = msg -> { return System.out.print(msg); };
- B. Consumer consumer = var arg > {System.out.print(arg);};
- C. Consumer consumer = (String args) > System.out.print(args);
- D. Consumer consumer = System.out::print;

Answer: D

Explanation:

NEW QUESTION 76

Which two statements are true about Java modules? (Choose two.)

- A. Modular jars loaded from --module-path are automatic modules.
- B. Any named module can directly access all classes in an automatic module.
- C. Classes found in -classpath are part of an unnamed module.
- D. Modular jars loaded from -classpath are automatic modules.
- E. If a package is defined in both the named module and the unnamed module, then the package in the unnamed module is ignored.

Answer: AC

NEW QUESTION 78

Given:

What is the result?

- A. A ClassCastException is thrown at runtime.
- B. AnotherClass#methodA()AnotherClass#methodA()
- C. The compilation fails.
- D. SomeClass#methodA()AnotherClass#methodA()
- E. AnotherClass#methodA()SomeClass#methodA()
- F. SomeClass#methodA()SomeClass#methodA()

Answer: C

Explanation:

NEW QUESTION 80

Given:

```
var data = new ArrayList<>(); data.add("Peter");  
data.add(30); data.add("Market Road"); data.set(1, 25); data.remove(2); data.set(3, 1000L); System.out.print(data);
```

 What is the output?

- A. [Market Road, 1000]
- B. [Peter, 30, Market Road]
- C. [Peter, 25, null, 1000]
- D. An exception is thrown at run time.

Answer: D

Explanation:

NEW QUESTION 82

Given the code fragment:

What is the result?

- A. 23
- B. 12
- C. 123
- D. 13

Answer: A

Explanation:

NEW QUESTION 87

Given:

Which statement is equivalent to line 1?

- A. `double totalSalary = list.stream().map(e -> e.getSalary() * ratio).reduce (bo).ifPresent (p -> p.doubleValue());`
- B. `double totalSalary = list.stream().mapToDouble(e -> e.getSalary() * ratio).sum;`
- C. `double totalSalary = list.stream().map(Employee::getSalary * ratio).reduce (bo).orElse(0.0);`
- D. `double totalSalary = list.stream().mapToDouble(e -> e.getSalary() * ratio).reduce(starts, bo);`

Answer: C

Explanation:

NEW QUESTION 92

Given:

Which two interfaces can be used in lambda expressions? (Choose two.)

- A. MyInterface1
- B. MyInterface3
- C. MyInterface5
- D. MyInterface2
- E. MyInterface4

Answer: CD

NEW QUESTION 93

Given:

What is the output?

- A. null
- B. A NoSuchElementException is thrown at run time.
- C. Duke
- D. A NullPointerException is thrown at run time.

Answer: C

Explanation:

NEW QUESTION 94

Which is a proper JDBC URL?

- A. jdbe.mysql.com://localhost:3306/database
- B. http://localhost.mysql.com:3306/database
- C. http://localhostmysql.jdbc:3306/database
- D. jdbc:mysql://localhost:3306/database

Answer: D

NEW QUESTION 96

Which two statements independently compile? (Choose two.)

- A. `List<? super Short> list = new ArrayList<Number>();`
- B. `List<? super Number> list = new ArrayList<Integer>();`

- C. List<? extends Number> list = new ArrayList<Byte>();
- D. List<? extends Number> list = new ArrayList<Object>();
- E. List<? super Float> list = new ArrayList<Double>();

Answer: AC

Explanation:

NEW QUESTION 99

Given:

Which two statements can be added at line 1 in Bar to successfully compile it? (Choose two.)

- A. public List<Integer> foo(Set<CharSequence> m) { ... }
- B. public ArrayList<Number> foo(Set<CharSequence> m) { ... }
- C. public List<Integer> foo(TreeSet<String> m) { ... }
- D. public List<Integer> foo(Set<String> m) { ... }
- E. public List<Object> foo(Set<CharSequence> m) { ... }
- F. public ArrayList<Integer> foo(Set<String> m) { ... }

Answer: BC

NEW QUESTION 100

Given:

Which two statements are valid to be written in this interface? (Choose two.)

- A. public abstract void methodB();
- B. final void methodG(){System.out.println("G");}
- C. private abstract void methodC();
- D. public String methodD();
- E. public int x;
- F. final void methodE();
- G. public void methodF(){System.out.println("F");}

Answer: AD

NEW QUESTION 102

Given:

Which annotation should be used to remove warnings from compilation?

- A. @SuppressWarnings on the main and print methods
- B. @SuppressWarnings("unchecked") on main and @SafeVarargs on the print method
- C. @SuppressWarnings("rawtypes") on main and @SafeVarargs on the print method
- D. @SuppressWarnings("all") on the main and print methods

Answer: B

Explanation:

NEW QUESTION 105

Given the code fragment:

```
Path source = Paths.get("/repo/a/a.txt"); Path destination = Paths.get("/repo"); Files.move(source, destination); // line 1 Files.delete (source); // line 2
```

Assuming the source file and destination folder exist, what is the result?

- A. A `java.nio.file.FileAlreadyExistsException` is thrown on line 1.
- B. A `java.nio.file.NoSuchFileException` is thrown on line 2.
- C. A copy of `/repo/a/a.txt` is moved to the `/repo` directory and `/repo/a/a.txt` is deleted.
- D. `a.txt` is renamed `repo`.

Answer: C

NEW QUESTION 109

Given:

What action ensures successful compilation?

- A. Replace `public Color(int c)` with `private Color(int c)`.
- B. Replace `int c;` with `private int c;`.
- C. Replace `int c;` with `private final int c;`.
- D. Replace `enum Color implements Serializable` with `public enum Color`.
- E. Replace `enum Color` with `public enum Color`.

Answer: A

Explanation:

NEW QUESTION 110

Given:

What is the output?

- A. I am an object array
- B. The compilation fails due to an error in line 1.
- C. I am an array
- D. I am an object

Answer: D

NEW QUESTION 112

Which two modules include APIs in the Java SE Specification? (Choose two.)

- A. `java.logging`
- B. `java.desktop`
- C. `javafx`
- D. `jdk.httpserver`
- E. `jdk.jartool`

Answer: AD

NEW QUESTION 116

```
var numbers = List.of(0,1,2,3,4,5,6,7,8,9);
```

You want to calculate the average of numbers. Which two codes will accomplish this? (Choose two.)

- A. `double avg = numbers.stream().parallel().averagingDouble(a > a);`
- B. `double avg = numbers.parallelStream().mapToInt (m > m).average().getAsDouble ();`
- C. `double avg = numbers.stream().mapToInt (i > i).average().parallel();`
- D. `double avg = numbers.stream().average().getAsDouble();`
- E. `double avg = numbers.stream().collect(Collectors.averagingDouble(n > n));`

Answer: BD

Explanation:

NEW QUESTION 121

Given:

Which expression when added at line 1 will produce the output of 1.17?

- A. float z = (float)(Math.round((float)x/y*100)/100);
- B. float z = Math.round((int)(x/y),2);
- C. float z = Math.round((float)x/y,2);
- D. float z = Math.round((float)x/y*100)/(float)100;

Answer: D

Explanation:

NEW QUESTION 123

Given:

What is known about the Sportscar class?

- A. The Sportscar class is a subclass of Automobile and inherits its methods.
- B. The Sportscar subclass cannot override setTurbo method from the superclass Automobile.
- C. The Sportscar class is a superclass that has more functionality than the Automobile class.
- D. The Sportscar class inherits the setTurbo method from the superclass Automobile.

Answer: A

NEW QUESTION 126

Given:

executed using command:

java Hello "Hello World" Hello World What is the output?

- A. An exception is thrown at runtime.
- B. Hello WorldHello World
- C. Hello World Hello World
- D. Hello WorldHelloWorld
- E. HelloHello WorldHelloWorld

Answer: C

NEW QUESTION 130

Given:

executed with this command: java Main one two three What is the result?

- A. 0). one
- B. 0). one1). two2). three
- C. The compilation fails.
- D. It creates an infinite loop printing:0). one1). two1). two...
- E. A java.lang.NullPointerException is thrown.

Answer: D

NEW QUESTION 134

Given:

Which two methods modify field values? (Choose two.)

- A. setAllCounts
- B. setACount
- C. setGCount
- D. setCCount
- E. setTCount

Answer: AC

NEW QUESTION 139

Which code fragment compiles?

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: D

Explanation:

NEW QUESTION 140

Given:

Which statement on line 1 enables this code fragment to compile?

- A. `Function function = String::toUpperCase;`
- B. `UnaryOperator function = s > s.toUpperCase();`
- C. `UnaryOperator<String> function = String::toUpperCase;`
- D. `Function<String> function = m > m.toUpperCase();`

Answer: C

Explanation:

NEW QUESTION 144

Given:

What is the result?

- A. Map: 0 Keys: 0 Values: 0
- B. The compilation fails.
- C. Map: 4 Keys: 4 Values: 4
- D. Map: 4 Keys: 0 Values: 0
- E. Map: 0 Keys: 4 Values: 4

Answer: D

Explanation:

NEW QUESTION 147

Given:

What is the result?

- A. nothing
- B. 10
- C. 0 4 9

Answer: A

NEW QUESTION 152

Which code is correct?

- A. Runnable r = "Message" > System.out.println();
- B. Runnable r = () > System.out::print;
- C. Runnable r = () -> {System.out.println("Message");};
- D. Runnable r = > System.out.println("Message");
- E. Runnable r = {System.out.println("Message");};

Answer: C

NEW QUESTION 156

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