

1Z0-809 Dumps

Java SE 8 Programmer II

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NEW QUESTION 1

What is the result?

```
7. BiPredicate<String, String> bp = (String s1, String s2) -> s1.contains("SG") &&  
   s2.contains("Java");  
8. BiFunction<String, String, Integer> bf = (String s1, String s2) -> {  
9.     int fee = 0;  
10.    if (bp.test(s1, s2)) {  
11.        fee = 100;  
12.    }  
13.    return fee;  
14. };  
15. int fee1 = bf.apply("D101SG", "Java Programming");  
16. System.out.println(fee1);
```

- A. A compilation error occurs at line 7.
- B. 100
- C. A compilation error occurs at line 8.
- D. A compilation error occurs at line 15.

Answer: A

NEW QUESTION 2

Given the code fragment:

```
5. IntConsumer consumer = e -> System.out.println(e);  
6. Integer value = 90;  
7. /* insert code fragment here */  
8. consumer.accept(result);
```

Which code fragment, when inserted at line 7, enables printing 100?

- A. `Function<Integer> funRef = e -> e + 10; Integer result = funRef.apply(value);`
- B. `IntFunction funRef = e -> e + 10; Integer result = funRef.apply (10);`
- C. `ToIntFunction<Integer> funRef = e -> e + 10;int result = funRef.applyAsInt (value);`
- D. `ToIntFunction funRef = e -> e + 10; int result = funRef.apply (value);`

Answer: A

NEW QUESTION 3

Given the code fragment:

```
for (Course a : Course.values()) {  
    System.out.print(a + " Fees " + a.getCost()+" " );  
}
```

Which is the valid definition of the Course enum?

```
A. enum Course { JAVA(100), J2ME(150);
    private int cost;
    public Course(int c) {
        this.cost = c;
    }
    int getCost() {
        return cost;
    }
}

B. enum Course { JAVA(100), J2ME(150);
    private static int cost;
    private Course(int c) {
        this.cost = c;
    }
    static int getCost() {
        return cost;
    }
}

C. final enum Course { JAVA(100), J2ME(150);
    private int cost;
    public Course(int c) {
        this.cost = c;
    }
    int getCost() {
        return cost;
    }
    void setCost(int c) {
        this.cost = c;
    }
}

D. enum Course { JAVA(100), J2ME(150);
    private int cost;
    Course(int c) {
        this.cost = c;
    }
    int getCost() {
        return cost;
    }
}
```

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

Answer: A

NEW QUESTION 4

Given:

```
public class Product {
    public double applyDiscount(double price) {
        assert (price > 0); // line n1
        return price * 0.50;
    }
    public static void main(String[] args) {
        Product p = new Product();
        double newPrice =
            p.applyDiscount(Double.parseDouble(args[0]));
        System.out.println("New Price: " + newPrice);
    }
}
```

and the command: java Product 0 What is the result?

- A. An AssertionError is thrown.
- B. A compilation error occurs at line n1.
- C. New Price: 0.0
- D. A NumberFormatException is thrown at run time.

Answer: D

NEW QUESTION 5

Given the code fragment:

```
List<Integer> values = Arrays.asList (1, 2, 3); values.stream ()
.map(n -> n*2) //line n1
.p eek(System.out::print) //line n2
.count();
```

What is the result?

- A. 246
- B. The code produces no output.
- C. A compilation error occurs at line n1.
- D. A compilation error occurs at line n2.

Answer: A

NEW QUESTION 6

Given:

```
public class Job {
    String name;
    Integer cost;
    Job(String name, Integer cost) {
        this.name = name;
        this.cost = cost;
    }
    String getName() { return name; }
    int getCost() { return cost; }
    public static void main(String[] args) {
        Job j1 = new Job("IT", null);
        DoubleSupplier js1 = j1::getCost;
        System.out.println(j1.getName() + ":" + js1.getAsDouble());
    }
}
```

What is the result?

- A. IT:null
- B. A NullPointerException is thrown at run time.
- C. A compilation error occurs.
- D. IT:0.0

Answer: D

NEW QUESTION 7

Given:

```
public final class IceCream { public void prepare() {}  
}  
public class Cake {  
public final void bake(int min, int temp) {} public void mix() {}  
}  
public class Shop {  
private Cake c = new Cake (); private final double discount = 0.25;  
public void makeReady () { c.bake(10, 120); }  
}  
public class Bread extends Cake {  
public void bake(int minutes, int temperature) {} public void addToppings() {}  
}
```

Which statement is true?

- A. A compilation error occurs in IceCream.
- B. A compilation error occurs in Cake.
- C. A compilation error occurs in Shop.
- D. A compilation error occurs in Bread
- E. All classes compile successfully.

Answer: D

NEW QUESTION 8

Given the code fragment:

```
List<String> valList = Arrays.asList("", "George", "", "John", "Jim");  
Long newVal = valList.stream()           // line n1  
    .filter(x -> !x.isEmpty())  
    .count();                             // line n2  
System.out.print(newVal);
```

What is the result?

- A. A compilation error occurs at line n2.
- B. 3
- C. 2
- D. A compilation error occurs at line n1.

Answer: A

NEW QUESTION 9

Given the code fragment:

```
List<String> listVal = Arrays.asList("Joe", "Paul", "Alice", "Tom"); System.out.println (  
// line n1  
);
```

Which code fragment, when inserted at line n1, enables the code to print the count of string elements whose length is greater than three?

- A. listVal.stream().filter(x -> x.length()>3).count()
- B. listVal.stream().map(x -> x.length()>3).count()
- C. listVal.stream().peek(x -> x.length()>3).count().get()
- D. listVal.stream().filter(x -> x.length()>3).mapToInt(x -> x).count()

Answer: A

NEW QUESTION 10

Given:

```
class Bird {  
public void fly () { System.out.print("Can fly"); }  
}  
class Penguin extends Bird {  
public void fly () { System.out.print("Cannot fly"); }  
}
```

```
and the code fragment: class Birdie {  
public static void main (String [ ] args) { fly( ( ) -> new Bird ( ));  
fly (Penguin : : new);  
}  
/* line n1 */  
}
```

Which code fragment, when inserted at line n1, enables the Birdie class to compile?

- A. static void fly (Consumer<Bird> bird) { bird :: fly ();}
- B. static void fly (Consumer<? extends Bird> bird) {bird.accept() fly ();}
- C. static void fly (Supplier<Bird> bird) { bird.get() fly ();}
- D. static void fly (Supplier<? extends Bird> bird) { LOST

Answer: C

NEW QUESTION 10

Given:

```
public class Counter {  
    public static void main (String[] args) { int a = 10;  
    int b = -1;  
    assert (b >=1) : "Invalid Denominator"; int = a / b;  
    System.out.println (c);  
    }  
}
```

What is the result of running the code with the `-ea` option?

- A. -10
- B. An AssertionError is thrown.
- C. A compilation error occurs.

Answer: C

NEW QUESTION 15

Given the code fragment:

```
public void recDelete (String dirName) throws IOException { File [] listOfFiles = new File (dirName) .listFiles();  
if (listOfFiles != null && listOfFiles.length >0) {  
    for (File aFile : listOfFiles) { if (aFile.isDirectory ()) {  
        recDelete (aFile.getAbsolutePath ());  
    } else {  
        if (aFile.getName ().endsWith (".class")) aFile.delete ();  
    }  
    }  
}
```

Assume that Projects contains subdirectories that contain .class files and is passed as an argument to the `recDelete ()` method when it is invoked. What is the result?

- A. The method deletes all the .class files in the Projects directory and its subdirectories.
- B. The method deletes the .class files of the Projects directory only.
- C. The method executes and does not make any changes to the Projects directory.
- D. The method throws an IOException.

Answer: A

NEW QUESTION 16

What is true about the `java.sql.Statement` interface?

- A. It provides a session with the database.
- B. It is used to get an instance of a Connection object by using JDBC drivers.
- C. It provides a cursor to fetch the resulting data.
- D. It provides a class for executing SQL statements and returning the results.

Answer: D

NEW QUESTION 18

Given the definition of the Emp class: `public class Emp`

```
private String eName; private Integer eAge;  
Emp(String eN, Integer eA) { this.eName = eN;  
    this.eAge = eA;  
}  
public Integer getEAge () {return eAge;} public String getENAME () {return eName;}  
}
```

and code fragment:

```
List<Emp>li = Arrays.asList(new Emp("Sam", 20), New Emp("John", 60), New Emp ("Jim", 51));  
Predicate<Emp> agVal = s -> s.getEAge() > 50; //line n1 li = li.stream().filter(agVal).collect(Collectors.toList());  
Stream<String> names = li.stream().map.(Emp::getENAME); //line n2 names.forEach(n -> System.out.print(n + " "));  
What is the result?
```

- A. Sam John Jim
- B. John Jim
- C. A compilation error occurs at line n1.
- D. A compilation error occurs at line n2.

Answer: B

NEW QUESTION 22

Given the code fragment:

```
Connection con = null;
try {
    // line n1
    if(con != null){
        System.out.print("Connection Established.");
    }

} catch (Exception e) {
    System.out.print(e);
}
```

Assume that dbURL, userName, and password are valid.

Which code fragment can be inserted at line n1 to enable the code to print Connection Established?

- A. Properties prop = new Properties(); prop.put ("user", userName); prop.put ("password", password); con = DriverManager.getConnection (dbURL, prop);
- B. con = DriverManager.getConnection (userName, password, dbURL);
- C. Properties prop = new Properties(); prop.put ("userid", userName); prop.put ("password", password); prop.put("url", dbURL); con = DriverManager.getConnection (prop);
- D. con = DriverManager.getConnection (dbURL); con.setClientInfo ("user", userName); con.setClientInfo ("password", password);

Answer: A

NEW QUESTION 27

Which statement is true about the DriverManager class?

- A. It returns an instance of Connection.
- B. it executes SQL statements against the database.
- C. It only queries metadata of the database.
- D. it is written by different vendors for their specific database.

Answer: A

Explanation:

The DriverManager returns an instance of Doctrine\DBAL\Connection which is a wrapper around the underlying driver connection (which is often a PDO instance).

NEW QUESTION 29

Given:

```
public class Vehicle {
    int vId;
    String vName;
    public Vehicle(int vIdArg, String vNameArg) {
        this.vId = vIdArg;
        this.vName = vNameArg;
    }
    public int getVId() { return vId; }
    public String getVName() { return vName; }
    public String toString() {
        return vName;
    }
}
```

and the code fragment:

```
List<Vehicle> vehicle = Arrays.asList(
    new Vehicle(2, "Car"),
    new Vehicle(3, "Bike"),
    new Vehicle(1, "Truck"));
vehicle.stream()
    // line n1
    .forEach(System.out::print);
```

Which two code fragments, when inserted at line n1 independently, enable the code to print TruckCarBike?

- A. .sorted ((v1, v2) -> v1.getVId() < v2.getVId())

- B. .sorted (Comparable.comparing (Vehicle: :getVName)).reversed ()
- C. .map (v -> v.getVid()).sorted ()
- D. .sorted((v1, v2) -> Integer.compare(v1.getVId(), v2.getVid()))
- E. .sorted(Comparator.comparing ((Vehicle v) -> v.getVId()))

Answer: B

NEW QUESTION 33

Given that course.txt is accessible and contains:

Course : : Java

and given the code fragment:

```
public static void main (String[ ] args) { int i;
```

```
char c;
```

```
try (FileInputStream fis = new FileInputStream ("course.txt"); InputStreamReader isr = new InputStreamReader(fis);) { while (isr.ready()) { //line n1  
isr.skip(2);
```

```
i = isr.read (); c = (char) i;
```

```
System.out.print(c);
```

```
}
```

```
} catch (Exception e) { e.printStackTrace();
```

```
}
```

```
}
```

What is the result?

- A. ur :: va
- B. ueJa
- C. The program prints nothing.
- D. A compilation error occurs at line n1.

Answer: B

NEW QUESTION 38

Given:

```
interface P { public void method1(); }  
  
interface Q extends P { public void method1(); }  
  
interface R extends P { public void method2(); }  
  
interface S { public default void method() { } }  
  
interface T { public void method1(); public void method2(); }  
  
interface U { public void method1(); public abstract void method2(); }
```

Which two interfaces can you use to create lambda expressions? (Choose two.)

- A. T
- B. R
- C. P
- D. S
- E. Q
- F. U

Answer: AF

NEW QUESTION 39

Given:


```
class Student {
    String course, name, city;
    public Student(String name, String course, String city) {
        this.course = course; this.name = name; this.city = city;
    }
    public String toString() {
        return course + ":" + name + ":" + city;
    }
    public String getCourse() { return course; }
    public String getName() { return name; }
    public String getCity() { return city; }
}
```

and the code fragment:

```
List<Student> stds = Arrays.asList(
    new Student ("Jessy", "Java ME", "Chicago"),
    new Student ("Helen", "Java EE", "Houston"),
    new Student ("Mark", "Java ME", "Chicago"));
stds.stream()
    .collect(Collectors.groupingBy(Student::getCourse))
    .forEach(src, res) -> System.out.println(src));
```

What is the result?

- A. [Java EE: Helen:Houston][Java ME: Jessy:Chicago, Java ME: Mark:Chicago]
- B. Java EEJava ME
- C. [Java ME: Jessy:Chicago, Java ME: Mark:Chicago] [Java EE: Helen:Houston]
- D. A compilation error occurs.

Answer: D

NEW QUESTION 43

Given the code fragment:

```
List<String> colors = Arrays.asList("red", "green", "yellow");
Predicate<String> test = n -> { System.out.println("Searching...");
return n.contains("red");
};
colors.stream()
.f ilter(c -> c.length() > 3)
.allMatch(test);
What is the result?
```

- A. Searching...
- B. Searching...Searching...
- C. Searching...Searching... Searching...
- D. A compilation error occurs.

Answer: A

NEW QUESTION 45

Given:

```
public enum USCurrency { PENNY (1),
    NICKLE(5), DIME (10), QUARTER(25);
    private int value;
    public USCurrency(int value) { this.value = value;
    }
    public int getValue() {return value;}
    }
    public class Coin {
    public static void main (String[] args) { USCurrency usCoin =new USCurrency.DIME; System.out.println(usCoin.getValue());
    }
    }
```

Which two modifications enable the given code to compile? (Choose two.)

- A. Nest the USCurrency enumeration declaration within the Coin class.
- B. Make the USCurrency enumeration constructor private.
- C. Remove the new keyword from the instantiation of usCoin.
- D. Make the getter method of value as a static method.
- E. Add the final keyword in the declaration of value.

Answer: BC

NEW QUESTION 46

Given:

```
class Person {
    private String firstName;
    private int salary;
    public Person(String fN, int sal) {
        this.firstName = fN;
        this.salary = sal;
    }
    public int getSalary() { return salary; }
    public String getFirstName() { return firstName; }
}
```

and the code fragment:

```
List<Person> prog = Arrays.asList(
    new Person("Smith", 1500),
    new Person("John", 2000),
    new Person("Joe", 1000));
double dVal = prog.stream()
    .filter(s -> s.getFirstName().startsWith("J"))
    .mapToInt(Person::getSalary)
    .average()
    .getAsDouble();
System.out.print(dVal);
```

What is the result?

- A. 0.0
- B. 1500.0
- C. A compilation error occur
- D. 2000.0

Answer: D

NEW QUESTION 49

Given:

```
class RateOfInterest {
    public static void main (String[] args) { int rateOfInterest = 0;
    String accountType = "LOAN"; switch (accountType) {
    case "RD"; rateOfInterest = 5; break;
    case "FD"; rateOfInterest = 10; break;
    default:
    assert false: "No interest for this account"; //line n1
    }
    System.out.println ("Rate of interest:" + rateOfInterest);
    }
}
```

and the command:

java -ea RateOfInterest What is the result?

- A. Rate of interest: 0
- B. An AssertionError is thrown.
- C. No interest for this account
- D. A compilation error occurs at line n1.

Answer: B

NEW QUESTION 51

Assume customers.txt is accessible and contains multiple lines. Which code fragment prints the contents of the customers.txt file?

- A. Stream<String> stream = Files.find (Paths.get ("customers.txt")); stream.forEach((String c) -> System.out.println(c));
- B. Stream<Path> stream = Files.find (Paths.get ("customers.txt")); stream.forEach(c) -> System.out.println(c));
- C. Stream<Path> stream = Files.list (Paths.get ("customers.txt")); stream.forEach(c) -> System.out.println(c));
- D. Stream<String> lines = Files.lines (Paths.get ("customers.txt")); lines.forEach(c) -> System.out.println(c));

Answer: A

NEW QUESTION 55

Given the code fragment:

```
final List<String> list = new CopyOnWriteArrayList<>();
final AtomicInteger ai = new AtomicInteger(0);
final CyclicBarrier barrier = new CyclicBarrier(2, new Runnable() {
    public void run() { System.out.println(list); }
});
Runnable r = new Runnable() {
    public void run() {
        try {
            Thread.sleep(1000 * ai.incrementAndGet());
            list.add("X");
            barrier.await();
        } catch (Exception ex) {
        }
    }
};
new Thread(r).start();
new Thread(r).start();
new Thread(r).start();
new Thread(r).start();
```

What is the result ?

- A. [X][X, X][X, X, X][X, X, X, X]
- B. [X, X]
- C. [X][X, X][X, X, X]
- D. [X, X][X, X, X, X]

Answer: A**NEW QUESTION 59**

Given:

```
class Engine {
    double fuelLevel;
    Engine(int fuelLevel) { this.fuelLevel = fuelLevel; }
    public void start() {
        // line n1
        System.out.println("Started");
    }
    public void stop() { System.out.println("Stopped"); }
}
```

Your design requires that:

- ☒ fuelLevel of Engine must be greater than zero when the start() method is invoked.
- ☒ The code must terminate if fuelLevel of Engine is less than or equal to zero.

Which code fragment should be added at line n1 to express this invariant condition?

- A. `assert (fuelLevel) : "Terminating...";`
- B. `assert (fuelLevel > 0) : System.out.println ("Impossible fuel");`
- C. `assert fuelLevel < 0: System.exit(0);`
- D. `assert fuelLevel > 0: "Impossible fuel" ;`

Answer: C**NEW QUESTION 61**

Given:


```
class Product {
    String name;
    int qty;
    public String toString(){
        return name;
    }
    public Product(String name, int qty) {
        this.name = name;
        this.qty = qty;
    }
    static class ProductFilter {
        public boolean isAvailable(Product p) {    // line n1
            return p.qty >= 10;
        }
    }
}
```

and the code fragment:

```
List<Product> products = Arrays.asList(
    new Product("MotherBoard", 5),
    new Product("Speaker", 20));
products.stream()
    .filter(Product.ProductFilter::isAvailable) // line n2
    .forEach(p -> System.out.println(p));
```

Which modification enables the code fragment to print Speaker?

- A. Implement Predicate in the Product.ProductFilter class and replace line n2 with .filter (p-> p.ProductFilter.test (p))
- B. Replace line n1 with: public static boolean isAvailable (Product p) {
- C. Replace line n2 with: .filter (p -> p.ProductFilter: :isAvailable (p))
- D. Replace line n2 with: .filter (p -> Product: :ProductFilter: :isAvailable (p))

Answer: B

NEW QUESTION 64

Given the content:

MessagesBundle.properties file:

```
username = Enter User Name
password = Enter Password
```

MessagesBundle_fr_FR.properties file:

```
username = Entrez le nom d'utilisateur
password = Entrez le mot de passe
```

and the code fragment:

```
Locale currentLocale = new Locale.Builder().setRegion("FR").setLanguage("fr").build();
ResourceBundle messages = ResourceBundle.getBundle("MessagesBundle", currentLocale);
Enumeration<String> names = messages.getKeys();
while (names.hasMoreElements()) {
    String key = names.nextElement();
    String name = messages.getString(key);
    System.out.println(key + " = " + name);
}
```

What is the result?

- A. username = Entrez le nom d'utilisateur password = Entrez le mot de passe
- B. username = Enter User Name password = Enter Password
- C. A compilation error occurs.

D. The program prints nothing.

Answer: A

NEW QUESTION 68

Given the code fragments:

```
class Caller implements Callable<String> { String str;
public Caller (String s) {this.str=s;}
public String call()throws Exception { return str.concat ("Caller");}
}
class Runner implements Runnable { String str;
public Runner (String s) {this.str=s;}
public void run () { System.out.println (str.concat ("Runner"));}
}
and
public static void main (String[] args) InterruptedException, ExecutionException
{
ExecutorService es = Executors.newFixedThreadPool(2); Future f1 = es.submit (new Caller ("Call"));
Future f2 = es.submit (new Runner ("Run")); String str1 = (String) f1.get();
String str2 = (String) f2.get(); //line n1 System.out.println(str1+ ":" + str2);
}
```

What is the result?

- A. The program prints: Run RunnerCall Caller : nullAnd the program does not terminate.
- B. The program terminates after printing: Run RunnerCall Caller : Run
- C. A compilation error occurs at line n1.
- D. An Execution is thrown at run time.

Answer: A

NEW QUESTION 73

Given the code fragment:

```
10. try {
11.     Connection conn = DriverManager.getConnection(dbURL, userName, passWord);
12.     String query = "SELECT * FROM Employee WHERE ID = 110";
13.     Statement stmt = conn.createStatement();
14.     ResultSet rs = stmt.executeQuery(query);
15.     System.out.println("Employee ID: " + rs.getInt("ID"));
16. } catch (Exception se) {
17.     System.out.println("Error");
18. }
```

Assume that:

The required database driver is configured in the classpath.

The appropriate database is accessible with the dbURL, userName, and passWord exists The Employee table has a column ID of type integer and the SQL query matches one record. What is the result?

- A. Compilation fails at line 14.
- B. Compilation fails at line 15.
- C. The code prints the employee ID.
- D. The code prints Error.

Answer: A

NEW QUESTION 76

Which two code blocks correctly initialize a Locale variable? (Choose two.)

- A. Locale loc1 = "UK";
- B. Locale loc2 = Locale.getInstance("ru");
- C. Locale loc3 = Locale.getLocaleFactory("RU");
- D. Locale loc4 = Locale.UK;
- E. Locale loc5 = new Locale ("ru", "RU");

Answer: DE

NEW QUESTION 80

Given:

```
public class Emp { String fName; String lName;
public Emp (String fn, String ln) { fName = fn;
lName = ln;
}
public String getfName() { return fName; } public String getlName() { return lName; }
}
```

and the code fragment: List<Emp> emp = Arrays.asList (new Emp ("John", "Smith"),
new Emp ("Peter", "Sam"),
new Emp ("Thomas", "Wale")); emp.stream()


```
//line n1
.collect(Collectors.toList());
```

Which code fragment, when inserted at line n1, sorts the employees list in descending order of fName and then ascending order of lName?

- A. `.sorted (Comparator.comparing(Emp::getfName).reserved().thenComparing(Emp::getlName))`
- B. `.sorted (Comparator.comparing(Emp::getfName).thenComparing(Emp::getlName))`
- C. `.map(Emp::getfName).sorted(Comparator.reserveOrder())`
- D. `.map(Emp::getfName).sorted(Comparator.reserveOrder()).map (Emp::getlName).reserved`

Answer: A

NEW QUESTION 85

Given:

```
public class Test<T> { private T t;
public T get () { return t;
}
public void set (T t) { this.t = t;
}
public static void main (String args [ ] ) { Test<String> type = new Test<>();
Test type 1 = new Test (); //line n1 type.set("Java");
type1.set(100); //line n2 System.out.print(type.get() + " " + type1.get());
}
}
```

What is the result?

- A. Java 100
- B. `java.lang.string@<hashcode>java.lang.Integer@<hashcode>`
- C. A compilation error occur
- D. To rectify it, replace line n1 with: `Test<Integer> type1 = new Test<>();`
- E. A compilation error occur
- F. To rectify it, replace line n2 with: `type1.set (Integer(100));`

Answer: A

NEW QUESTION 90

Given the code fragment:

```
public static void main (String [ ] args) throws IOException {
BufferedReader br = new BufferedReader (new InputStremReader (System.in)); System.out.print ("Enter GDP: ");
//line 1
}
```

Which code fragment, when inserted at line 1, enables the code to read the GDP from the user?

- A. `int GDP = Integer.parseInt (br.readline());`
- B. `int GDP = br.read();`
- C. `int GDP = br.nextlnt();`
- D. `int GDP = Integer.parseInt (br.next());`

Answer: A

NEW QUESTION 94

Given the code fragments:

```
class Employee { Optional<Address> address;
Employee (Optional<Address> address) { this.address = address;
}
public Optional<Address> getAddress() { return address; }
}
class Address {
String city = "New York";
public String getCity { return city; } public String toString() {
return city;
}
}
and
Address address = null;
Optional<Address> addrs1 = Optional.ofNullable (address);
Employee e1 = new Employee (addrs1);
String eAddress = (addrs1.isPresent()) ? addrs1.get().getCity() : "City Not available";
```

What is the result?

- A. New York
- B. City Not available
- C. null
- D. A `NoSuchElementException` is thrown at run time.

Answer: B

NEW QUESTION 98

Given:

```
class ImageScanner implements AutoCloseable { public void close () throws Exception { System.out.print ("Scanner closed.");
}
```

```
public void scanImage () throws Exception { System.out.print ("Scan.");  
throw new Exception("Unable to scan.");  
}  
}  
class ImagePrinter implements AutoCloseable { public void close () throws Exception { System.out.print ("Printer closed.");  
}  
public void printImage () {System.out.print("Print."); }  
}
```

and this code fragment:

```
try (ImageScanner ir = new ImageScanner(); ImagePrinter iw = new ImagePrinter()) { ir.scanImage();  
iw.printImage();  
} catch (Exception e) { System.out.print(e.getMessage());  
}
```

What is the result?

- A. Scan.Printer close
- B. Scanner close
- C. Unable to scan.
- D. Scan.Scanner close
- E. Unable to scan.
- F. Sca
- G. Unable to scan.
- H. Sca
- I. Unable to sca
- J. Printer closed.

Answer: A

NEW QUESTION 102

Given the code fragments:

```
public static Optional<String> getCountry(String loc) {  
    Optional<String> couName = Optional.empty();  
    if ("Paris".equals(loc))  
        couName = Optional.of("France");  
    else if ("Mumbai".equals(loc))  
        couName = Optional.of("India");  
    return couName;  
}
```

and

```
Optional<String> city1 = getCountry("Paris");  
Optional<String> city2 = getCountry("Las Vegas");  
System.out.println(city1.orElse("Not Found"));  
if (city2.isPresent())  
    city2.ifPresent(x -> System.out.println(x));  
else  
    System.out.println(city2.orElse("Not Found"));
```

What is the result?

- A. FranceOptional[NotFound]
- B. Optional [France] Optional [NotFound]
- C. Optional[France] Not Found
- D. FranceNot Found

Answer: D

NEW QUESTION 107

Given the code fragment:

```
List<Integer> li = Arrays.asList(10, 20, 30);  
Function<Integer, Integer> fn = f1 -> f1 + f1;  
Consumer<Integer> conVal = s -> System.out.print("Val:" + s + " ");  
li.stream().map(fn).forEach(conVal);
```

What is the result?

- A. Val:20 Val:40 Val:60
- B. Val:10 Val:20 Val:30
- C. A compilation error occurs.

D. Val: Val: Val:

Answer: B

NEW QUESTION 109

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