

Oracle

Exam Questions 1z0-830

Java SE 21 Developer Professional



NEW QUESTION 1

What do the following print? java

```
import java.time.Duration;
public class DividedDuration {
public static void main(String[] args) { var day = Duration.ofDays(2); System.out.print(day.dividedBy(8));
}
}
```

- A. PT6H
- B. PT0H
- C. It throws an exception
- D. PT0D
- E. Compilation fails

Answer: A

NEW QUESTION 2

Given: java

```
System.out.print(Boolean.logicalAnd(1 == 1, 2 < 1));
System.out.print(Boolean.logicalOr(1 == 1, 2 < 1));
System.out.print(Boolean.logicalXor(1 == 1, 2 < 1));
```

 What is printed?

- A. true>true>false
- B. false>true>true
- C. true>false>true
- D. true>true>true
- E. Compilation fails

Answer: C

NEW QUESTION 3

Given: java

```
sealed class Vehicle permits Car, Bike {
}
non-sealed class Car extends Vehicle {
}
final class Bike extends Vehicle {
}
public class SealedClassTest { public static void main(String[] args) {
Class<?> vehicleClass = Vehicle.class; Class<?> carClass = Car.class; Class<?> bikeClass = Bike.class;
System.out.print("Is Vehicle sealed? " + vehicleClass.isSealed() + "; Is Car sealed? " + carClass.isSealed() +
"; Is Bike sealed? " + bikeClass.isSealed());
}
}
```

What is printed?

- A. Is Vehicle sealed? true; Is Car sealed? true; Is Bike sealed? true
- B. Is Vehicle sealed? false; Is Car sealed? false; Is Bike sealed? false
- C. Is Vehicle sealed? true; Is Car sealed? false; Is Bike sealed? false
- D. Is Vehicle sealed? false; Is Car sealed? true; Is Bike sealed? true

Answer: C

NEW QUESTION 4

Which of the following statements are correct?

- A. You can use 'private' access modifier with all kinds of classes
- B. You can use 'protected' access modifier with all kinds of classes
- C. You can use 'public' access modifier with all kinds of classes
- D. You can use 'final' modifier with all kinds of classes
- E. None

Answer: E

NEW QUESTION 5

Given: java

```
int post = 5; int pre = 5;
int postResult = post++ + 10; int preResult = ++pre + 10;
System.out.println("postResult: " + postResult +
", preResult: " + preResult +
", Final value of post: " + post + ", Final value of pre: " + pre);
```

 What is printed?

- A. postResult: 15, preResult: 16, Final value of post: 6, Final value of pre: 6
- B. postResult: 16, preResult: 16, Final value of post: 6, Final value of pre: 6
- C. postResult: 15, preResult: 16, Final value of post: 5, Final value of pre: 6
- D. postResult: 16, preResult: 15, Final value of post: 6, Final value of pre: 5

Answer: A

NEW QUESTION 6

Which of the following isn't a valid option of the jdeps command?

- A. --check-deps
- B. --generate-open-module
- C. --list-deps
- D. --generate-module-info
- E. --print-module-deps
- F. --list-reduced-deps

Answer: A

NEW QUESTION 7

Given: java

```
String textBlock = "" j \
a \t v \s a \ "";
```

System.out.println(textBlock.length()); What is the output?

- A. 11
- B. 12
- C. 14
- D. 10

Answer: B

NEW QUESTION 8

Given: java

```
public class ThisCalls { public ThisCalls() { this(true);
}
public ThisCalls(boolean flag) { this();
}
}
```

Which statement is correct?

- A. It does not compile.
- B. It throws an exception at runtime.
- C. It compiles.

Answer: A

NEW QUESTION 9

Given: java

```
ExecutorService service = Executors.newFixedThreadPool(2); Runnable task = () -> System.out.println("Task is complete");
service.submit(task); service.shutdown(); service.submit(task);
```

What happens when executing the given code fragment?

- A. It prints "Task is complete" once and throws an exception.
- B. It prints "Task is complete" twice and throws an exception.
- C. It exits normally without printing anything to the console.
- D. It prints "Task is complete" twice, then exits normally.
- E. It prints "Task is complete" once, then exits normally.

Answer: A

NEW QUESTION 10

Given: java

```
Object myVar = 0;
String print = switch (myVar) { case int i -> "integer";
case long l -> "long"; case String s -> "string"; default -> "";
```

```
};
System.out.println(print); What is printed?
```

- A. integer
- B. long
- C. string
- D. nothing
- E. It throws an exception at runtime.
- F. Compilation fails.

Answer: F

NEW QUESTION 10

Given: java

```
final Stream<String> strings = Files.readAllLines(Paths.get("orders.csv")); strings.skip(1)
.limit(2)
```

```
.forEach(System.out::println);
```

And that the orders.csv file contains: mathematica

```
OrderID,Customer,Product,Quantity,Price 1,Kylian Mbapp??,Keyboard,2,25.50 2,Teddy Riner,Mouse,1,15.99 3,Sebastien Loeb,Monitor,1,199.99 4,Antoine Griezmann,Headset,3,45.00
```

What is printed?

- A. arduino1,Kylian Mbapp??,Keyboard,2,25.50 2,Teddy Riner,Mouse,1,15.993,Sebastien Loeb,Monitor,1,199.99 4,Antoine Griezmann,Headset,3,45.00
- B.arduino1,Kylian Mbapp??,Keyboard,2,25.50 2,Teddy Riner,Mouse,1,15.99
- B. arduino2,Teddy Riner,Mouse,1,15.99 3,Sebastien Loeb,Monitor,1,199.99
- C. An exception is thrown at runtime.
- D. Compilation fails.

Answer: DE

NEW QUESTION 12

Given: java

```
Map<String, Integer> map = Map.of("b", 1, "a", 3, "c", 2); TreeMap<String, Integer> treeMap = new TreeMap<>(map); System.out.println(treeMap);
```

What is the output of the given code fragment?

- A. {c=2, a=3, b=1}
- B. {b=1, a=3, c=2}
- C. {b=1, c=2, a=3}
- D. {c=1, b=2, a=3}
- E. Compilation fails
- F. {a=3, b=1, c=2}
- G. {a=1, b=2, c=3}

Answer: F

NEW QUESTION 16

Given: java

```
var lyrics = ""
```

```
Quand il me prend dans ses bras Qu'il me parle tout bas
```

```
Je vois la vie en rose "";
```

```
for ( int i = 0, int j = 3; i < j; i++ ) { System.out.println( lyrics.lines()
```

```
.toList()
```

```
.g et( i ) );
```

```
}
```

What is printed?

- A. vbnetQuand il me prend dans ses bras Qu'il me parle tout basJe vois la vie en rose
- B. Nothing
- C. An exception is thrown at runtime.
- D. Compilation fails.

Answer: D

NEW QUESTION 17

Given: java

```
String colors = "red\n" + "green\n" +
```

```
"blue\n";
```

Which text block can replace the above code?

- A. javaString colors = "" red \green\ blue \ "";
- B. javaString colors = "" red \sgreen\s blue \s "";
- C. javaString colors = "" red \tgreen\t blue \t "";
- D. javaString colors = "" redgreen blue "";
- E. None of the propositions

Answer: D

NEW QUESTION 18

Given: java

```
Integer frenchRevolution = 1789; Object o1 = new String("1789"); Object o2 = frenchRevolution; frenchRevolution = null;
```

```
Object o3 = o2.toString(); System.out.println(o1.equals(o3));
```

What is printed?

- A. true
- B. false
- C. A NullPointerException is thrown.
- D. A ClassCastException is thrown.
- E. Compilation fails.

Answer: A

NEW QUESTION 20

Given: java

```
List<Long> cannesFestivalfeatureFilms = LongStream.range(1, 1945)
```

```
.boxed()
```

```
.toList();
```

```
try (var executor = Executors.newVirtualThreadPerTaskExecutor()) { cannesFestivalfeatureFilms.stream()
    .limit(25)
    .forEach(film -> executor.submit(() -> { System.out.println(film);
    }));
}
```

What is printed?

- A. Numbers from 1 to 25 sequentially
- B. Numbers from 1 to 25 randomly
- C. Numbers from 1 to 1945 randomly
- D. An exception is thrown at runtime
- E. Compilation fails

Answer: B

NEW QUESTION 22

Given: java

```
DoubleStream doubleStream = DoubleStream.of(3.3, 4, 5.25, 6.66); Predicate<Double> doublePredicate = d -> d < 5;
System.out.println(doubleStream.anyMatch(doublePredicate));
```

 What is printed?

- A. Compilation fails
- B. true
- C. false
- D. An exception is thrown at runtime
- E. 3.3

Answer: A

NEW QUESTION 23

What do the following print? java

```
public class DefaultAndStaticMethods { public static void main(String[] args) { WithStaticMethod.print();
}
}
interface WithDefaultMethod { default void print() { System.out.print("default");
}
}
interface WithStaticMethod extends WithDefaultMethod { static void print() {
System.out.print("static");
}
}
```

- A. nothing
- B. default
- C. Compilation fails
- D. static

Answer: D

NEW QUESTION 24

Given:

java

```
interface SmartPhone { boolean ring();
}
class Iphone15 implements SmartPhone { boolean isRinging;
boolean ring() { isRinging = !isRinging; return isRinging;
}
}
```

Choose the right statement.

- A. Iphone15 class does not compile
- B. Everything compiles
- C. SmartPhone interface does not compile
- D. An exception is thrown at running Iphone15.ring();

Answer: A

NEW QUESTION 29

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