

Exam Questions 1z0-830

Java SE 21 Developer Professional

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NEW QUESTION 1

Given: java
String s = " "; System.out.print("[" + s.strip()); s = " hello "; System.out.print(", " + s.strip()); s = "h i ";
System.out.print(", " + s.strip() + "]); What is printed?

- A. [,hello,h i]
- B. [,hello,h i]
- C. [,hello,hi]
- D. [, hello ,hi]

Answer: B

NEW QUESTION 2

Given: java
List<String> frenchAuthors = new ArrayList<>(); frenchAuthors.add("Victor Hugo"); frenchAuthors.add("Gustave Flaubert");
Which compiles?

- A. Map<String, ArrayList<String>> authorsMap1 = new HashMap<>();javaauthorsMap1.put("FR", frenchAuthors);
- B. Map<String, ? extends List<String>> authorsMap2 = new HashMap<String, ArrayList<String>>();javaauthorsMap2.put("FR", frenchAuthors);
- C. var authorsMap3 = new HashMap<>();javaauthorsMap3.put("FR", frenchAuthors);
- D. Map<String, List<String>> authorsMap4 = new HashMap<String, ArrayList<String>>();javaauthorsMap4.put("FR", frenchAuthors);
- E. Map<String, List<String>> authorsMap5 = new HashMap<String, List<String>>();javaauthorsMap5.put("FR", frenchAuthors);

Answer: CDE

NEW QUESTION 3

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 4

Which three of the following are correct about the Java module system?

- A. Code in an explicitly named module can access types in the unnamed module.
- B. The unnamed module exports all of its packages.
- C. If a package is defined in both a named module and the unnamed module, then the package in the unnamed module is ignored.
- D. We must add a module descriptor to make an application developed using a Java version prior to SE9 run on Java 11.
- E. The unnamed module can only access packages defined in the unnamed module.
- F. If a request is made to load a type whose package is not defined in any known module, then the module system will attempt to load it from the classpath.

Answer: BCF

NEW QUESTION 5

Given: java
Period p = Period.between(LocalDate.of(2023, Month.MAY, 4),
LocalDate.of(2024, Month.MAY, 4)); System.out.println(p);
Duration d = Duration.between(LocalDate.of(2023, Month.MAY, 4),
LocalDate.of(2024, Month.MAY, 4)); System.out.println(d);
What is the output?

- A. P1Y PT8784H
- B. PT8784H P1Y
- C. UnsupportedTemporalTypeException
- D. P1YUnsupportedTemporalTypeException

Answer: D

NEW QUESTION 6

Given: java
List<String> abc = List.of("a", "b", "c"); abc.stream()
.forEach(x -> {
x = x.toUpperCase();
});
abc.stream()
.forEach(System.out::print); What is the output?

- A. abc
- B. An exception is thrown.
- C. Compilation fails.
- D. ABC

Answer: A

NEW QUESTION 7

A module com.eiffeltower.shop with the related sources in the src directory.
That module requires com.eiffeltower.membership, available in a JAR located in the lib directory.
What is the command to compile the module com.eiffeltower.shop?

- A. bashCopyEditjavac -source src -p lib/com.eiffel.membership.jar -d out -m com.eiffeltower.shop
- B. css CopyEditjavac --module-source-path src -p lib/com.eiffel.membership.jar -d out -m com.eiffeltower.shop
- C. css CopyEditjavac --module-source-path src -p lib/com.eiffel.membership.jar -s out -m com.eiffeltower.shop
- D. css CopyEditjavac -path src -p lib/com.eiffel.membership.jar -d out -m com.eiffeltower.shop

Answer: B

NEW QUESTION 8

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 9

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 10

Which methods compile?

- A. `java public List<? super IOException> getListSuper() { return new ArrayList<Exception>(); }csharp`
- B. `javapublic List<? extends IOException> getListExtends() { return new ArrayList<FileNotFoundException>();}`
- C. `java public List<? extends IOException> getListExtends() { return new ArrayList<Exception>(); }csharp`
- D. `javapublic List<? super IOException> getListSuper() { return new ArrayList<FileNotFoundException>();}`

Answer: AB

NEW QUESTION 10

Which of the following doesnotexist?

- A. BooleanSupplier
- B. DoubleSupplier
- C. LongSupplier
- D. Supplier<T>
- E. BiSupplier<T, U, R>
- F. They all exist.

Answer: E

NEW QUESTION 13

Given: java
import java.io.*;
class A implements Serializable { int number = 1;
}
class B implements Serializable { int number = 2;
}
public class Test {
public static void main(String[] args) throws Exception { File file = new File("o.ser");

```
A a = new A();
var oos = new ObjectOutputStream(new FileOutputStream(file)); oos.writeObject(a);
oos.close();
var ois = new ObjectInputStream(new FileInputStream(file));
B b = (B) ois.readObject(); ois.close(); System.out.println(b.number);
}
}
```

What is the given program's output?

- A. 1
- B. 2
- C. Compilation fails
- D. ClassCastException
- E. NotSerializableException

Answer: D

NEW QUESTION 17

```
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 22

```
Given: java
Object input = 42;
String result = switch (input) {
case String s -> "It's a string with value: " + s; case Double d -> "It's a double with value: " + d; case Integer i -> "It's an integer with value: " + i;
};
System.out.println(result); What is printed?
```

- A. null
- B. It's a string with value: 42
- C. It's a double with value: 42
- D. It's an integer with value: 42
- E. It throws an exception at runtime.
- F. Compilation fails.

Answer: F

NEW QUESTION 24

```
Given: java
double amount = 42_000.00;
NumberFormat format = NumberFormat.getCompactNumberInstance(Locale.FRANCE, NumberFormat.Style.SHORT);
System.out.println(format.format(amount)); What is the output?
```

- A. 42000E
- B. 42 000,00 €
- C. 42000
- D. 42 k

Answer: D

NEW QUESTION 25

How would you create a ConcurrentHashMap configured to allow a maximum of 10 concurrent writer threads and an initial capacity of 42? Which of the following options meets this requirement?

- A. var concurrentHashMap = new ConcurrentHashMap(42);
- B. None of the suggestions.
- C. var concurrentHashMap = new ConcurrentHashMap();
- D. var concurrentHashMap = new ConcurrentHashMap(42, 10);
- E. var concurrentHashMap = new ConcurrentHashMap(42, 0.88f, 10);

Answer: E

NEW QUESTION 30

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