

# Exam Questions 1z0-830

Java SE 21 Developer Professional

<https://www.2passeasy.com/dumps/1z0-830/>



**NEW QUESTION 1**

Given a properties file on the classpath named Person.properties with the content: ini  
name=James And:

```
java
public class Person extends ListResourceBundle { protected Object[][] getContents() {
return new Object[][]{
{"name", "Jeanne"}
};
}
}
```

And: java

```
public class Test {
public static void main(String[] args) {
ResourceBundle bundle = ResourceBundle.getBundle("Person"); String name = bundle.getString("name"); System.out.println(name);
}
}
```

What is the given program's output?

- A. MissingResourceException
- B. Compilation fails
- C. James
- D. JeanneJames
- E. JamesJeanne
- F. Jeanne

**Answer: F**

**NEW QUESTION 2**

Given: java

```
var frenchCities = new TreeSet<String>(); frenchCities.add("Paris"); frenchCities.add("Marseille"); frenchCities.add("Lyon"); frenchCities.add("Lille");
frenchCities.add("Toulouse");
System.out.println(frenchCities.headSet("Marseille"));
```

What will be printed?

- A. [Paris]
- B. [Paris, Toulouse]
- C. [Lille, Lyon]
- D. Compilation fails
- E. [Lyon, Lille, Toulouse]

**Answer: C**

**NEW QUESTION 3**

Given: java

```
StringBuffer us = new StringBuffer("US"); StringBuffer uk = new StringBuffer("UK"); Stream<StringBuffer> stream = Stream.of(us, uk);
String output = stream.collect(Collectors.joining("-", "=", "")); System.out.println(output);
```

What is the given code fragment's output?

- A. US-UK
- B. An exception is thrown.
- C. -US=UK
- D. =US-UK
- E. Compilation fails.
- F. US=UK

**Answer: D**

**NEW QUESTION 4**

Given: java

```
public class Test {
class A {
}
static class B {
}
public static void main(String[] args) {
// Insert here
}
}
```

Which three of the following are valid statements when inserted into the given program?

- A. A a = new A();
- B. B b = new Test.B();
- C. A a = new Test.A();
- D. B b = new Test().new B();
- E. B b = new B();
- F. A a = new Test().new A();

**Answer: BEF**

**NEW QUESTION 5**

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 6**

Given: java

```
void verifyNotNull(Object input) { boolean enabled = false;
assert enabled = true; assert enabled;
System.out.println(input.toString()); assert input != null;
}
```

When does the given method throw a `NullPointerException`?

- A. A `NullPointerException` is never thrown
- B. Only if assertions are enabled and the input argument is null
- C. Only if assertions are disabled and the input argument is null
- D. Only if assertions are enabled and the input argument isn't null
- E. Only if assertions are disabled and the input argument isn't null

**Answer:** C

**NEW QUESTION 7**

Given:

```
java
public static void main(String[] args) { try {
throw new IOException();
} catch (IOException e) {
throw new RuntimeException();
} finally {
throw new ArithmeticException();
}
}
```

What is the output?

- A. Compilation fails
- B. `IOException`
- C. `RuntimeException`
- D. `ArithmeticException`

**Answer:** D

**NEW QUESTION 8**

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 9**

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 10**

Given: java

```
CopyOnWriteArrayList<String> list = new CopyOnWriteArrayList<>(); list.add("A");
list.add("B");
```

```
list.add("C");
// Writing in one thread new Thread() -> {
list.add("D"); System.out.println("Element added: D");
}.start();
// Reading in another thread new Thread() -> {
for (String element : list) { System.out.println("Read element: " + element);
}
}.start();
What is printed?
```

- A. It prints all elements, including changes made during iteration.
- B. It prints all elements, but changes made during iteration may not be visible.
- C. It throws an exception.
- D. Compilation fails.

**Answer: B**

#### NEW QUESTION 10

```
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 14

```
What is the output of the following snippet? (Assume the file exists) java
Path path = Paths.get("C:\\home\\joe\\foo"); System.out.println(path.getName(0));
```

- A. C:
- B. IllegalArgumentException
- C. C
- D. Compilation error
- E. home

**Answer: E**

#### NEW QUESTION 16

```
Given: java
DoubleSummaryStatistics stats1 = new DoubleSummaryStatistics(); stats1.accept(4.5);
stats1.accept(6.0);
DoubleSummaryStatistics stats2 = new DoubleSummaryStatistics(); stats2.accept(3.0);
stats2.accept(8.5);
stats1.combine(stats2);
System.out.println("Sum: " + stats1.getSum() + ", Max: " + stats1.getMax() + ", Avg: " + stats1.getAverage());
What is printed?
```

- A. Sum: 22.0, Max: 8.5, Avg: 5.5
- B. Sum: 22.0, Max: 8.5, Avg: 5.0
- C. An exception is thrown at runtime.
- D. Compilation fails.

**Answer: A**

#### NEW QUESTION 20

```
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 22

```
Which StringBuilder variable fails to compile? java
public class StringBuilderInstantiations {
```

```
public static void main(String[] args) { var stringBuilder1 = new StringBuilder();
var stringBuilder2 = new StringBuilder(10);
var stringBuilder3 = new StringBuilder("Java");
var stringBuilder4 = new StringBuilder(new char[]{'J', 'a', 'v', 'a'});
}
}
```

- A. None of them
- B. stringBuilder4
- C. stringBuilder1
- D. stringBuilder3
- E. stringBuilder2

**Answer: B**

#### NEW QUESTION 25

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 27

Given: java

```
StringBuilder result = Stream.of("a", "b")
.collect(
() -> new StringBuilder("c"), StringBuilder::append,
(a, b) -> b.append(a)
);
System.out.println(result);
```

What is the output of the given code fragment?

- A. cbca
- B. acb
- C. cacb
- D. abc
- E. bca
- F. cba
- G. bac

**Answer: F**

#### NEW QUESTION 28

Given: java

```
var ceo = new HashMap<>(); ceo.put("Sundar Pichai", "Google"); ceo.put("Tim Cook", "Apple"); ceo.put("Mark Zuckerberg", "Meta"); ceo.put("Andy Jassy", "Amazon");
```

Does the code compile?

- A. True
- B. False

**Answer: B**

#### NEW QUESTION 31

What do the following print? java

```
public class Main {
int instanceVar = staticVar; static int staticVar = 666;
public static void main(String args[]) {
System.out.printf("%d %d", new Main().instanceVar, staticVar);
}
static { staticVar = 42;
}
}
```

- A. 666 42
- B. 666 666
- C. 42 42
- D. Compilation fails

**Answer: C**

#### NEW QUESTION 35

Given: java

```
package com.vv;
```

```
import java.time.LocalDate; public class FetchService {
public static void main(String[] args) throws Exception { FetchService service = new FetchService();
String ack = service.fetch(); LocalDate date = service.fetch();
System.out.println(ack + " the " + date.toString());
}
public String fetch() { return "ok";
}
public LocalDate fetch() { return LocalDate.now();
}
}
```

What will be the output?

- A. ok the 2024-07-10T07:17:45.523939600
- B. Compilation fails
- C. An exception is thrown
- D. ok the 2024-07-10

**Answer: B**

#### NEW QUESTION 36

```
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 39

```
Given: java
package vehicule.parent;
public class Car {
protected String brand = "Peugeot";
}
and java
package vehicule.child; import vehicule.parent.Car;
public class MiniVan extends Car { public static void main(String[] args) { Car car = new Car();
car.brand = "Peugeot 807"; System.out.println(car.brand);
}
}
```

What is printed?

- A. Peugeot
- B. Peugeot 807
- C. An exception is thrown at runtime.
- D. Compilation fails.

**Answer: D**

#### NEW QUESTION 44

```
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 45

.....

## THANKS FOR TRYING THE DEMO OF OUR PRODUCT

Visit Our Site to Purchase the Full Set of Actual 1z0-830 Exam Questions With Answers.

We Also Provide Practice Exam Software That Simulates Real Exam Environment And Has Many Self-Assessment Features. Order the 1z0-830 Product From:

<https://www.2passeasy.com/dumps/1z0-830/>

### Money Back Guarantee

#### **1z0-830 Practice Exam Features:**

- \* 1z0-830 Questions and Answers Updated Frequently
- \* 1z0-830 Practice Questions Verified by Expert Senior Certified Staff
- \* 1z0-830 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- \* 1z0-830 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year