1Z0-819 Q&As

Java SE 11 Developer

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QUESTION 1

You are working on a functional bug in a tool used by your development organization. In your investigation, you find that the tool is executed with a security policy file containing this grant.

```
grant codebase "file:${klib.home}/j2se/home/klib.jar" {
    permission java.security.AllPermission;
};
```

What action should you take?

A. Nothing, because it is an internal tool and not exposed to the public.

B. Remove the grant because it is excessive.

C. Nothing, because it is not related to the bug you are investigating.

D. File a security bug against the tool referencing the excessive permission granted.

E. Nothing, because listing just the required permissions would be an ongoing maintenance challenge.

Correct Answer: D

Reference:
https://wiki.sei.cmu.edu/confluence/display/java/ENV03-J+Do+not+grant+dangerous+combinations+of+permissions

QUESTION 2

Given:

```
public class X {
  private Collection collection;
  public void set(Collection collection) {
    this.collection = collection;
  }
}
```

and

```
public class Y extends X {
  public void set(Map<String,String> map) {
    super.set(map); // line 1
  }
}
```

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 map)

D. super.set(map.values());

E. set(map)

Correct Answer: BD

QUESTION 3

Given:

```
import java.util.ArrayList;
import java.util.Arrays;
public class NewMain {
  public static void main(String[] args) {
    String[] fruitNames = { "apple", "orange",
        "grape", "lemon", "apricot", "watermelon" };
    var fruits = new ArrayList<>(Arrays.asList(fruitNames));
    fruits.sort((var a, var b) -> -a.compareTo(b));
    fruits.forEach(System.out::println);
  }
}
```

What is the result?

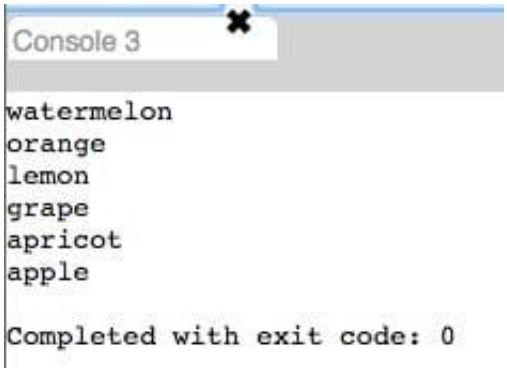
A. watermelon orange lemon grape apricot apple

B. nothing

C. apple apricot grape lemon orange watermelon

D. apple orange grape lemon apricot watermelon

Correct Answer: A



QUESTION 4

Given:

```
public interface Builder {
    public A build(String str);
}
```

and

```
public class BuilderImpl implements Builder {
    @Override
    public B build(String str) {
        return new B(str);
    }
}
```

Assuming that this code compiles correctly, which three statements are true? (Choose three.)

A. A cannot be abstract.

B. A cannot be final.

C. B cannot be abstract.

D. B cannot be final.

E. B is a subtype of A.

F. A is A is a subtype of B.a subtype of B.

Correct Answer: BCE

The correct answers are B. A cannot be final, C. B cannot be abstract, and E. B is a subtype of A.

Since the code compiles correctly, the method build in the BuilderImpl class must be a valid implementation of the method declared in the Question70 interface. This means that the return type of the build method in the BuilderImpl class, which is B, must be a subtype of the return type of the build method in the Builder interface, which is A. Therefore, option E is correct.

QUESTION 5

Given:

```
public class Employee {
   private String name;
   private String locality;
   /* the constructor, getter and setter methods code goes here */
}
```

and:

```
 8. List<Employee> roster = new ArrayList<>();
 9. long empCount = roster.stream()
10. /* insert code here */
11. System.out.print(empCount);
```

Which code, when inserted on line 10, prints the number of unique localities from the roster list?

A. .map(Employee::getLocality) .distinct() .count();

B. map(e > e.getLocality()) .count();

C. .map(e > e.getLocality()) .collect(Collectors.toSet()) .count();

D. .filter(Employee::getLocality) .distinct() .count();

Correct Answer: D

Reference: https://developer.android.com/reference/android/location/Address