

**Started on** Tuesday, 11 February 2025, 3:06 PM**State** Finished**Completed on** Tuesday, 11 February 2025, 3:23 PM**Time taken** 16 mins 45 secs**Question 1**

Complete

Marked out of 1.00

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Given the following classes, which of the following can independently replace  
INSERT IMPORTS HERE to make the code compile? (Choose all that apply)

```
package aquarium;  
public class Tank { }
```

```
package aquarium.jellies;  
public class Jelly { }
```

```
package visitor;  
INSERT IMPORTS HERE  
public class AquariumVisitor {  
    public void admire(Jelly jelly) { } }
```

- ☒ a. import aquarium.jellies.\*;  
☐ b. import aquarium.\*.Jelly;  
☐ c. import aquarium.\*;  
☒ d. import aquarium.jellies.Jelly;  
☐ e. import aquarium.jellies.Jelly.\*;  
☐ f. None of these can make the code compile.

**Question 2**

Complete

Marked out of 1.00

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Given the following classes, what is the maximum number of imports that can be removed and have the code still compile?

```
package aquarium; public class Water { }
```

```
package aquarium;  
import java.lang.*;  
import java.lang.System;  
import aquarium.Water;
```

3 → imports

?

```
import aquarium.*;
public class Tank {
    public void print(Water water) {
        System.out.println(water); } }
```

4 → with Package

- ☒ a. 4
- ☐ b. 2
- ☐ c. 3
- ☐ d. Does not compile.
- ☐ e. 0
- ☐ f. 1

**Question 3**

Complete

Marked out of 1.00

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Given the following class, which of the following calls print out Blue Jay?

(Choose all that apply)

```
public class BirdDisplay {
    public static void main(String[] name) {
        System.out.println(name[1]);
    } }
```

why sparrow?

- ☐ a. java BirdDisplay Blue Jay Sparrow
- ☐ b. java BirdDisplay.class "Blue Jay" Sparrow
- ☒ c. java BirdDisplay.class Sparrow "Blue Jay"
- ☐ d. java BirdDisplay "Blue Jay" Sparrow
- ☐ e. Does not compile.
- ☐ f. java BirdDisplay Sparrow "Blue Jay"
- ☐ g. java BirdDisplay Sparrow Blue Jay

**Question 4**

Complete

Marked out of 1.00

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Which of the following legally fill in the blank so you can run the main() method from the command line? (Choose all that apply) public static void main 🌈

- ☐ a. None of these.
- ☐ b. String[] 123
- ☒ c. String abc[]
- ☐ d. String names

☒ e. String Names[]☒ f. String... names☒ g. String[] names**Question 5**

Complete

Marked out of 1.00

[Flag question](#)

Which of the following are legal entry point methods that can be run from the command line?

(Choose all that apply)

☐ a. public static final main(String[] args)☐ b. public static main(String[] args) .☐ c. public void main(String[] args)☒ d. private static void main(String[] args)☒ e. static public void main(String[] args)☐ f. None of the above.☐ g. public static void test(String[] args)**Question 6**

Complete

Marked out of 1.00

[Flag question](#)

Which of the following are true? (Choose all that apply)

```
public class Bunny {
    public static void main(String[] args) {
        Bunny bun = new Bunny();
    }
}
```

☒ a. Bunny is a class.☐ b. None of the above.☐ c. main is a class.☐ d. bun is a class.☐ e. main is a reference to an object.☒ f. bun is a reference to an object.☐ g. Bunny is a reference to an object.**Question 7**

Complete

Marked out of 1.00

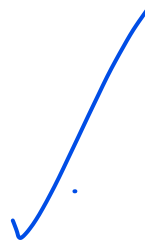
[Flag question](#)

class Test

{

```
int i;  
void Test() {  
    i++;  
}  
public static void main(String[] args)  
{  
    Test t1 = new Test();  
    Test t2 = new Test();  
    System.out.println(t1.i);  
    System.out.println(t2.i);  
}  
{  
    i++;  
}  
}
```

- ☐ a. 0 1
- ☐ b. GarbageValue GarbageValue
- ☐ c. 0 0
- ☐ d. Compilation fails
- ☐ e. 1 0
- ☒ f. 1 1

**Question 8**

Complete

Marked out of 1.00

[Flag question](#)

What does the following code output?

```
1: public class Salmon {  
2: int count;  
3: public void Salmon() {  
4: count = 4;  
5: }  
6: public static void main(String[] args) {  
7: Salmon s = new Salmon();  
8: System.out.println(s.count);  
9: } }
```

- ☐ a. Compilation fails on line 8
- ☐ b. 4
- ☐ c. Compilation fails on line 4.
- ☐ d. Compilation fails on line 7
- ☒ e. 0
- ☐ f. Compilation fails on line 3.

**Question 9**

Complete

Marked out of 1.00

 [Flag question](#)

```
class Test
{
    int i=5;
    Test() {
        name = "gopal";
        i++;
    }
    public static void main(String[] args)
    {
        Test t1 = new Test();
        Test t2 = new Test();
        System.out.println(t1.i);
        System.out.println(t2.i);
    }

    String name = "Hari";
    {
        i++;
    }
}
```

- ☐ a. Compilation fails
- ☐ b. None of these
- ☒ c. 6 6
- ☐ d. 6 7
- ☒ e. 7 7

**Question 10**

Complete

Marked out of 1.00

 [Flag question](#)

Which of the following are true? (Choose all that apply)

- ☒ a. Java takes the name of the .class file as a parameter.
- ☐ b. Java takes the name of the .bytecode file as a parameter.
- ☐ c. javac compiles a .class file into a .java file.
- ☐ d. javac compiles a .java file into a .bytecode file.
- ☒ e. javac compiles a .java file into a .class file.
- ☐ f. Java takes the name of the class as a parameter.

[Finish review](#)