

<b>Started on</b>	Wednesday, 21 January 2026, 2:44 PM
<b>State</b>	Finished
<b>Completed on</b>	Wednesday, 21 January 2026, 3:02 PM
<b>Time taken</b>	18 mins 3 secs
<b>Marks</b>	2.00/10.00
<b>Grade</b>	<b>20.00</b> out of 100.00

### Question 1

Complete

Mark 0.00 out of 1.00

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) { } }
```

Ans: b,c

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

### Question 2

Complete

Mark 1.00 out of 1.00

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: } }
```

C

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

**Question 3**

Complete

Mark 0.00 out of 1.00

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

Ans: f

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

**Question 4**

Complete

Mark 0.00 out of 1.00

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

(Choose all that apply)

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

Ans: b

**Question 5**

Complete

Mark 1.00 out of 1.00

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. String[] names
- ☐ b. String[] 123
- ☒ c. String... names
- ☐ d. String names
- ☒ e. String Names[]
- ☒ f. String abc[]
- ☐ g. None of these.

Ans: a,c,e,f

**Question 6**

Complete

Mark 0.00 out of 1.00

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);  
    }  
}
```

ans: c

String name = "Hari";

```
{  
    i++;  
}  
}
```

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

**Question 7**

Complete

Mark 0.00 out of 1.00

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

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

b,d

**Question 8**

Complete

Mark 0.00 out of 1.00

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

a,d

**Question 9**

Complete

Mark 0.00 out of 1.00

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]);  
  
    }  
}
```

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

ANS: D

**Question 10**

Complete

Mark 0.00 out of  
1.00

```
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++;
    }
}
```

Ans: c

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