

Started on	Wednesday, 21 January 2026, 2:44 PM
State	Finished
Completed on	Wednesday, 21 January 2026, 3:02 PM
Time taken	18 mins 3 secs
Marks	2.00/10.00
Grade	20.00 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);
    }

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

ans: c

- 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]);  
    } }
```

ANS: D

- 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

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);
    }
}
```

Ans: c

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