Dashboard / Quiz

Started on	Wednesday, 30 November 2022, 3:02 PM
State	Finished
Completed on	Wednesday, 30 November 2022, 3:12 PM
Time taken	10 mins 6 secs
Marks	4.00/10.00
Grade	**40.00** out of 100.00

Question 1

Complete

Mark 0.00 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: } }
```

Select one:

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

Question 2

Complete

Mark 1.00 out of 1.00

⚑ Flag question

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]);
} }
```

Select one:

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

Question 3

Complete

Mark 1.00 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++;
    }
}
```

Select one:

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

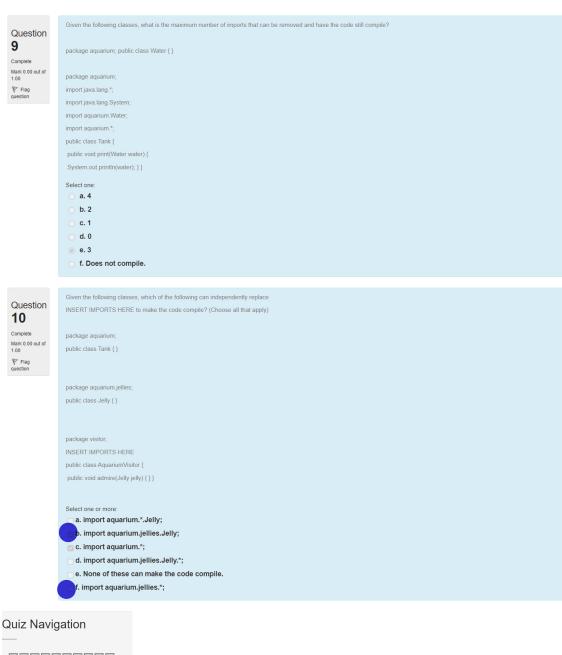**Question**

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

(Choose all that apply)

4

Complete

Mark 0.00 out of 1.00

⚑ Flag question

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

Question 5

Complete

Mark 1.00 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();
}}
```

Select one or more:
- ☐ a. bun is a class.
- ☑ b. bun is a reference to an object.
- ☐ c. Bunny is a reference to an object.
- ☐ d. main is a class.
- ☑ e. Bunny is a class.
- ☐ f. main is a reference to an object.
- ☐ g. None of the mentioned.

Question 6

Complete

Mark 1.00 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++;
    }
}
```

Select one:
- ○ a. 6 6
- ○ b. 7 7
- ○ c. 6 7
- ○ d. Compilation fails
- ○ e. None of these

Question 7

Complete

Mark 0.00 out of 1.00

⚑ Flag question

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( )

Select one or more:
- ☐ a. None of these.
- ☐ b. String names
- ☐ c. String[] 123
- ☑ d. String Names[]
- ☑ e. String[] names
- ☐ f. String... names
- ☑ g. String abc[]

Question 8

Complete

Mark 0.00 out of 1.00

⚑ Flag question

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

Select one or more:
- ☑ a. javac compiles a .java file into a .bytecode file.
- ☐ b. Java takes the name of the .class file as a parameter.
- ☑ c. Java takes the name of the class as a parameter.
- ☐ d. javac compiles a .class file into a .java file.
- ☐ e. Java takes the name of the .bytecode file as a parameter.
- ☑ f. javac compiles a .java file into a .class file.

Question 9

Complete

Mark 0.00 out of 1.00

⚑ Flag question

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); } }

Select one:

○ a. 4

○ b. 2

○ c. 1

○ d. 0

◉ e. 3

○ f. Does not compile.

Question 10

Complete

Mark 0.00 out of 1.00

⚑ Flag question

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) { } }

Select one or more:

☐ a. import aquarium.*.Jelly;

☑ b. import aquarium.jellies.Jelly;

☑ c. import aquarium.*;

☐ d. import aquarium.jellies.Jelly.*;

☐ e. None of these can make the code compile.

☑ f. import aquarium.jellies.*;

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