

Question

1

Not yet answered

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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) { }
```

```
}
```

Select one or more:

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

Question

2

Not yet answered

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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]);
```

```
    }
```

```
}
```

Select one:

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

Question

3

Not yet answered

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

Select one:

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

Question

4

Not yet answered

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1.00

Given the following class, which of the following is true? (Choose all that apply)

```
1: public class Snake {  
2:  
3:     public void shed(boolean time) {  
4:  
5:         if (time) {  
6:  
7:         }  
8:         System.out.println(result);  
9:  
10:    }  
11: }
```

Select one or more:

- ☐ a. None of the above changes will make the code compile.
- ☒ b. If `String result = "done";` is inserted on line 2, the code will compile.
- ☐ c. If `String result = "done";` is inserted on line 9, the code will compile.
- ☒ d. If `String result = "done";` is inserted on line 4, the code will compile.
- ☐ e. If `String result = "done";` is inserted on line 6, the code will compile.

Question

5

Not yet answered

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What is the output of the following program?

```
1: public class WaterBottle {  
2:     private String brand;  
3:     private boolean empty;  
4:     public static void main(String[] args) {  
5:         WaterBottle wb = new WaterBottle();  
6:         System.out.print("Empty = " + wb.empty);  
7:         System.out.print(", Brand = " + wb.brand);  
8:     } }
```

Select one:

- ☐ a. Empty = false, Brand =
- ☐ b. Empty = null, Brand = null
- ☐ c. Line 6 generates a compiler error.
- ☐ d. None of the above.
- ☐ e. Line 7 generates a compiler error.
- ☒ f. Empty = false, Brand = null
- ☐ g. There is no output.

Question

6

Not yet answered

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1.00

Given the following classes, which of the following snippets can be inserted in place of INSERT IMPORTS HERE and have the code compile? (Choose all that apply)

```
package aquarium;  
  
public class Water {  
    boolean salty = false;  
}  
  
package aquarium.jellies;  
  
public class Water {  
    boolean salty = true;  
}  
  
package employee;  
  
INSERT IMPORTS HERE  
  
public class WaterFiller {  
    Water water;  
}
```

Select one or more:

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

Question

7

Not yet answered

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

Select one or more:

- ☐ a. **None of the above.**
- ☐ b. **An instance variable of type double defaults to 0.0.**
- ☐ c. **An instance variable of type int defaults to 0.0.**
- ☐ d. **An instance variable of type int defaults to null.**
- ☐ e. **An instance variable of type String defaults to null.**
- ☐ f. **An instance variable of type String defaults to 0.0.**
- ☐ g. **An instance variable of type double defaults to null.**

Question

8

Not yet answered

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

```
4: short numPets = 5;  
5: int numGrains = 5.6;  
6: String name = "Scruffy";  
7: numPets.length();  
8: numGrains.length();  
9: name.length();
```

Select one or more:

- ☐ a. Line 9 generates a compiler error.
- ☐ b. Line 4 generates a compiler error.
- ☐ c. The code compiles as is.
- ☐ d. Line 7 generates a compiler error.
- ☐ e. Line 6 generates a compiler error.
- ☐ f. Line 8 generates a compiler error.
- ☐ g. Line 5 generates a compiler error.

Question

9

Not yet answered

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

Select one or more:

- ☐ a. An instance variable of type boolean defaults to true.
- ☐ b. An instance variable of type boolean defaults to false.
- ☐ c. An instance variable of type boolean defaults to null.
- ☐ d. None of the above.
- ☐ e. An instance variable of type int defaults to 0.0.
- ☐ f. An instance variable of type int defaults to 0.
- ☐ g. An instance variable of type int defaults to null.

Question 10

Not yet answered

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iven the following class in the file /my/directory/named/A/Bird.java:

INSERT CODE HERE

```
public class Bird { }
```

Which of the following replaces INSERT CODE HERE if we compile from /my/directory?

(Choose all that apply)

Select one or more:

- ☐ a. `package my.directory.named.a;`
- ☐ b. `package a;`
- ☐ c. `package named.A;`
- ☐ d. `package my.directory.named.A;`
- ☐ e. `package A;`
- ☐ f. Does not compile.
- ☐ g. `package named.a;`

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