Week 4 : Assignment 4

Due date: 2022-02-23, 23:59 IST.

Your last recorded submission was on 2022-02-17, 23:09 IST

1 point

Which of the following statement(s) is/are true?

a. The default package in the Java language is java.lang.
b. String is a final class and it is present in java.lang package.
c. Runnable is a class present in java.lang package.
d. Thread is a class present in java.lang package.

☑ a.

☑ b.

☐ c.

☑ d.

1 point

Which of the following statement(s) is/are false?

a. With the import statement, generally import only a single package member or an entire package.
b. To import all the types contained in a particular package, use the import statement with the asterisk (*) wildcard character.

    import package.*;

c. import package.A*; it used to match a subset of the classes in a package starts with "A".
d. import package.A*; it generates compilation error.

○ a.

○ b.

◉ c.

○ d.

1 point

Which of the following is/are class(s) of `java.awt` package?

    a. CardLayout
    b. Checkbox
    c. Choice
    d. MenuContainer

☑ a.
☑ b.
☑ c.
☐ d.

1 point

Which of these access specifier(s) can be used for an interface?

    a. public
    b. protected
    c. private
    d. Both b and c

◉ a.
○ b.
○ c.
○ d.

1 point

Consider the program given below.

```
import static java.lang.Math.*;
public class Main{
        public static void main(String args[]){
                System.out.println(cos(3*PI));
        }
}
```

What will be the output if the above program is executed?

    a. It will give compile-time error
    b. It will give run-time error
    c. -1.0
    d. 3.14

    ○ a.
    ○ b.
    ◉ c.
    ○ d.

1 point

Which of the following packages is used to includes utility classes like Calendar, Collections, Date?

    a. java.lang
    b. java.util
    c. java.net
    d. java.awt

    ○ a.
    ◉ b.
    ○ c.
    ○ d.

1 point

Consider the program given below.

```
import static java.lang.System.*;
public class Question{
    public static void main(String args[])
    {
        out.println("JAVA");
    }
}
```

What will be the output if the above program is executed?

    a. It will give compile-time error
    b. It will give run-time error
    c. JAVA
    d. JAV

  a.
  b.
  ⦿ c.
  d.

1 point

Which of the following is/are NOT valid declaration(s) of an interface?

a. public interface Question {
    void method(int value) {
      System.out.println("Nptel");
    }
}

b. public interface Question {
    void method(int value) {

    }
}

c. public interface Question {

}

d. public interface Question {
    default void method(int value) {
      System.out.println("Nptel");

    }
}

- ⦿ a.
- ○ b.
- ○ c.
- ○ d.

1 point

Which of the following is false statement about interface in java?

a. An interface can extend other interfaces.
b. The interface body can contain abstract methods, default methods, and static methods.
c. All constant values defined in an interface are implicitly public, static, and final.
d. A static method in an interface are implicitly private.

- ○ a.
- ○ b.
- ○ c.

◉ d.

1 point

Which of the following statement(s) is/are true?

    a. The default package in the Java language is java.lang.
    b. String is a final class and it is present in java.lang package.
    c. Cloneable is an interface in java.lang package.
    d. Thread is a class present in java.lang package.

☑ a.

☑ b.

☐ c.

☑ d.

You may submit any number of times before the due date. The final submission will be considered for grading.

Submit Answers