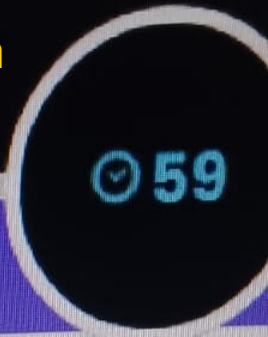


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Question No : 1 of 33

ResultSetMetaData object can be derived from \_\_\_\_\_ object.

Answer

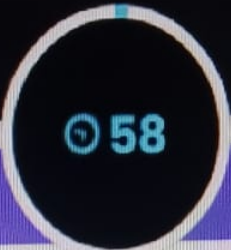
Connection

Statement

ResultSet

PreparedStatement





Question No : 2 of 33

Marks: 1 (Time 1Min)

Which of the following is a correct syntax for implementing WindowListener and MouseListener interfaces in a class named GUI?

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Answer

public class GUI implements WindowListener implements MouseListener



public class GUI implements WindowListener, MouseListener



public class GUI implement WindowListener, MouseListener

public class GUI implements WindowListener MouseListener

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### CS506 (Web Design and Development)

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Question No : 9 of 33

Marks: 1 (Time 1 Min) !

Which of the following access modifier is provided by default if no access modifier is written explicitly with data members or methods?

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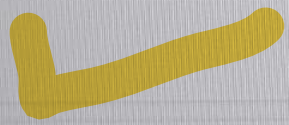
#### Answer

Private

Protected

Default

Public



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## CS506 (Web Design and Development)

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### Question No : 4 of 33

Consider the following code segment.

```
class CommonErrors {  
public static void main(String[] args){  
    int num = 10 ;  
    System.out.println(number);  
}  
}
```

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What type of error can occur in the above code segment?

### Answer

Local variable not initialized

Cannot find symbol

Null Pointer exception

No Such Method error

## CS506 (Web Design and Development)

57

Question No : 5 of 33

An exception in java is represented as a/an \_\_\_\_\_.

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### Answer

Operator

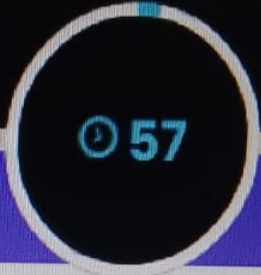
Object

Function

Primitive data type



## CS506 (Web Design and Development)



Question No : 6 of 33

Border Layout divides the area into \_\_\_\_\_ regions.

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### Answer

Three

Four

Five



Six

## CS506 (Web Design and Development)

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Question No : 7 of 33

Which of the following feature is not included in Java?

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### Answer

Inheritance

Polymorphism

Pointer manipulation

Data encapsulation

# CS506 (Web Design and Development)

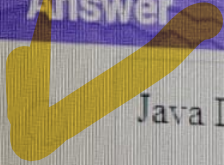


Question No : 8 of 33

JDBC-ODBC stands for:

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## Answer



Java DataBase Connectivity- Open DataBase Connectivity

Java DataBase Connectivity- Oracle DataBase Connectivity

Java DataBase Corporation- Open DataBase Corporation

Java DataBase Corporation- Oracle DataBase Corporation



defnklkf



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CS506 (Web Design and Development)

058

Question No : 3 of 33

ODBC stands for \_\_\_\_\_.

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Answer

Open Database Communication

Open Database Connection

Open Database Connectivity

Open Database Commission



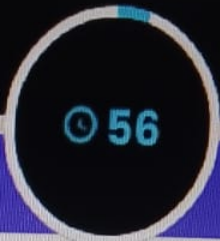
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## CS506 (Web Design and Development)



Question No : 10 of 33

What does the following code draw?

```
g.setColor(Color.black);  
g.drawLine(10, 10, 10, 50);  
g.setColor(Color.RED);  
g.drawRect(100, 100, 150, 150);
```

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### Answer

- A red vertical line that is 40 pixels long and a red square with sides of 150 pixels
- A black vertical line that is 40 pixels long and a red square with sides of 150 pixels
- A black vertical line that is 50 pixels long and a red square with sides of 150 pixels
- A red vertical line that is 50 pixels long and a red square with sides of 150 pixels

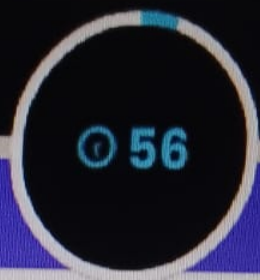
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# CS506 (Web Design and Development)



Question No : 11 of 33

If there is a java class named as "Student", then the file name must be \_\_\_\_\_.

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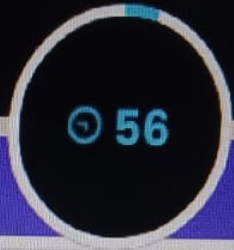
## Answer

- Student.java
- Student\_File.java
- student.java
- Any name





# CS506 (Web Design and Development)



Question No : 12 of 33

\_\_\_\_\_ Method is used to specify the layout manager for a container.

## Answer

setLayout

getLayout

settingLayout

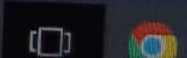
setLayer

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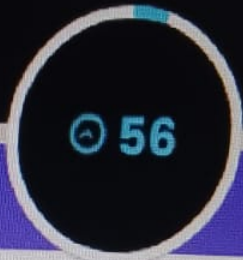
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# CS506 (Web Design and Development)



Question No : 13 of 33

ArrayList is also like a \_\_\_\_\_ array.

## Answer

- Repeatabe
- Renewable
- Resizable
- Reliable

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# CS506 (Web Design and Development)



Question No : 14 of 33

Which of the following streams can be categorized based on their functionality?

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## Answer

- Byte oriented stream and Node stream
- Filter stream and Character oriented stream
- Byte oriented stream and Character oriented stream
- Node stream and Filter stream



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# CS506 (Web Design and Development)



Question No : 15 of 33

JVM puts the events generated by the event generator in a \_\_\_\_\_.

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## Answer

Stack

Queue

List

Hash table

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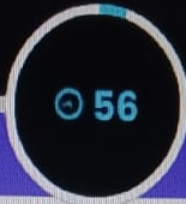


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## CS506 (Web Design and Development)

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Question No : 16 of 33

Marks: 1 (Time

If we want to handle mouse Movement or mouse drag. Which of the following interfaces do we need to implement?

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### Answer

MouseMotionListener

MouseListener

MouseDragged

MouseMoved

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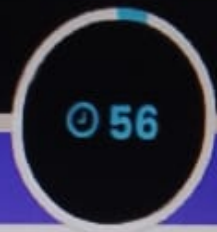


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### CS506 (Web Design and Development)



Question No : 17 of 33

CREATE TABLE, DROP TABLE, and ALTER TABLE, etc are \_\_\_\_\_.

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#### Answer

- DML statements
- DDL statements
- DCL statements
- Both DML statements and DCL statements

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## CS506 (Web Design and Development)

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Question No : 18 of 33

The JDBC API is highly helpful in communication with a database and contains a number of \_\_\_\_\_

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### Answer

Interfaces only

Classes only

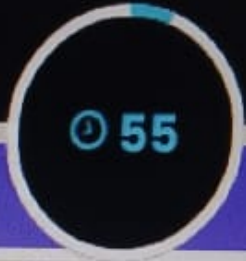
Objects

Both interfaces and classes





# CS506 (Web Design and Development)



Question No : 19 of 33

In java program, index of the Result set starts from \_\_\_\_\_ .

## Answer

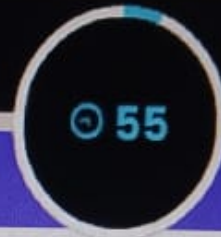
- 0
- Any number
- 1
- 1



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## CS506 (Web Design and Development)



Question No : 20 of 33

Which of the following keywords is used by a class to use a previously defined interface?

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### Answer

Import

Extend

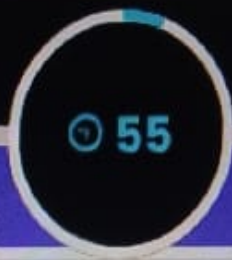
Implements

Use





# CS506 (Web Design and Development)



Question No : 21 of 33

JVM could be able to call the main method by using the \_\_\_\_\_ access modifier.

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## Answer

Public



Private

Protected

Default

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# CS506 (Web Design and Development)



Question No : 22 of 33

In java program, if we call the ResultSet method "absolute (-4)", the cursor \_\_\_\_\_

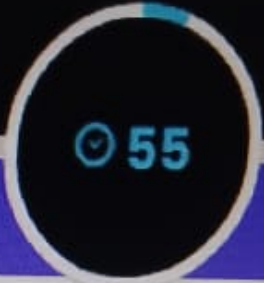
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## Answer

- Will move to next-to-last row
- Will move three steps back-to-last row
- Will give error
- Will move to last row



# CS506 (Web Design and Development)



Question No : 23 of 33

Which of the following syntax is used to create a DataBaseMetaData object?

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## Answer

DataBaseMetaData db = con.getMetaData(); // where con is a Connection object

DataBaseMetaData db = rs.getMetaData(); // where rs is a ResultSet object

DataBaseMetaData db = stmt.getMetaData(); // where stmt is a Statement object

DataBaseMetaData db=rsmd.getMetaData(); // where rsmd is ResutSetMetaData ob

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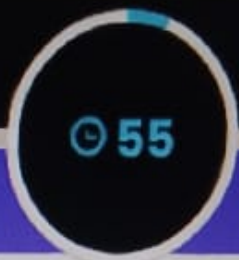


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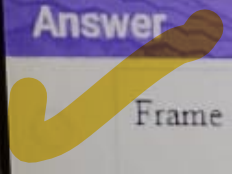


Question No : 24 of 33

To include graphics in your program, it is mandatory to extend your program from \_\_\_\_\_

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## Answer



Frame

JPanel

JButton

Panel

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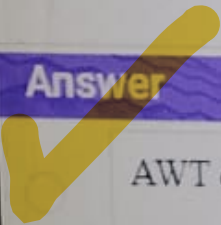


Question No : 25 of 33

Which of the following is true about AWT and SWING components?

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### Answer



- AWT components create a process whereas SWING components create a thread
- Both AWT and SWING components create a thread
- Both AWT and SWING components create a process
- AWT components create a thread whereas SWING components create a process



Identify Event generator and Event handlers from the following list and fill the table with appropriate item.

- 1. Buttons
- 2. WindowListener
- 3. Mouse
- 4. FocusListener
- 5. ItemListener
- 6. Key

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Event	Name
Event Generator	Buttons, Mouse, Keyboard (KeyEvent)
Event Handlers	WindowListener, FocusListener, ItemListener

Answer

Rich text editor toolbar with icons for Bold (B), Italic (I), Underline (U), Bulleted List, Numbered List, Indent, Outdent, Link, Unlink, Table, and other formatting options. Below the icons are labels: Styles, Format, Font, Size, A, A, and a link icon.

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# CS506 (Web Design and Development)

Login Time 8

Question No : 27 of 33



Marks: 1 (Time 1)

WindowAdapter class implements the WindowListener interface and provides the definition of all methods inside \_\_\_\_\_

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## Answer

WindowListener interface

Outer Class

Inner Class

WindowAdapter class



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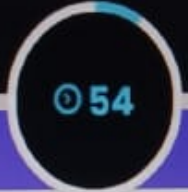
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Below is the program of AlphabeticalWords. keeping in view given requirements, complete the program by filling "dotted lines" with appropriate code in java.

- JVM should be able to call main method.
- JRE could call main method without creating an object.
- Main method does not return anything.
- Main method must have command line arguments.
- String "ABCDEFGF" should be displayed.

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```
public class AlphabeticalWords {
..... main(String.....) {
.....;
}
```

```
public class AlphabeticalWords {
public static void main(String[] args) {
System.out.println("ABCDEFGF");
}
}
Answer
```

JVM should be able to call the main method.

Ans: The main method in Java is the entry point of the program and is called by the JVM.

JRE could call the main method without creating an object.

Ans: The main method in Java is static and can be called without creating an object of the class.

Main method does not return anything.

Ans: In Java, the main method has a void return type, indicating it doesn't return any value.

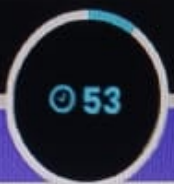
Main method must have command line arguments.

Ans: The args parameter in the main method (String[] args) represents command line arguments passed to the program.

String "ABCDEFGF" should be displayed.

Ans: The System.out.println() statement is used to print the string "ABCDEFGF" to the console.





Write statements of resultset operation to Update employeeName as "Farhan" where employeeId = 2 and employeeName as "Zara" where employeeId = 1. Resultset is given below.

Result Set: Employees

employeeId	employeeName
1	Zia
2	Ali

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```

if (resultSet.next()) {
if (resultSet.getInt("employeeId") == 1) {
resultSet.updateString("employeeName", "Zara");
resultSet.updateRow(); // Commit the update to the ResultSet
}
}

```

Answer

```

if (resultSet.next()) {
if (resultSet.getInt("employeeId") == 2) {
resultSet.updateString("employeeName", "Farhan");
resultSet.updateRow(); // Commit the update to the ResultSet
}
}

```

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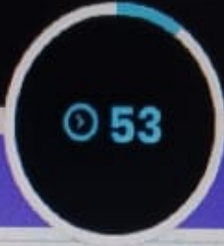
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A simple java program is given, which will take three values as command line arguments and print the largest value on console. You are required to complete missing code.

```

public class CmdLineArgsApp {
    public static void main(String[] cmdLineArgs){
        // Write your code here
    } //end main
} //end class.

public class CmdLineArgsApp {
    public static void main(String[] cmdLineArgs) {
        if (cmdLineArgs.length == 3) { // Check if exactly three arguments are
            // provided
            try {
                int num1 = Integer.parseInt(cmdLineArgs[0]);
                int num2 = Integer.parseInt(cmdLineArgs[1]);
                int num3 = Integer.parseInt(cmdLineArgs[2]);
                int largest = num1;
                if (num2 > largest) {
                    largest = num2;
                }
                if (num3 > largest) {
                    largest = num3;
                }
            } catch (NumberFormatException e) {
                System.err.println("Please provide valid integer arguments.");
            }
            else {
                System.err.println("Please provide exactly three integer arguments.");
            }
        }
    }
}

```

Answer

B

```

System.out.println("The largest value is: " + largest);
} catch (NumberFormatException e) {
    System.err.println("Please provide valid integer arguments.");
}
else {
    System.err.println("Please provide exactly three integer arguments.");
}

```

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