

VIRTUAL UNIVERSITY OF PAKISTAN

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TEAM HADI(VU LAHORE)

MID TERM PAST PAPER

We Deal All Kind of VU Project
(PHP, .NET, ANDROID, PYTHON)

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WARNING: Team HADI is not responsible for any mistake or wrong answer. All students reading and using this document may check and confirm the answers at their own.



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Best of luck!

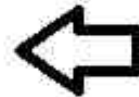


HashMap takes key as a/an _____

Choices:

Primitive value

Object



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Array

Function

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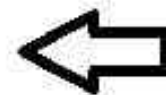
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Which of the following statement is TRUE regarding default ResultSet?

Choices:

The default ResultSet is updatable and moves only forward.

The default ResultSet is not updatable and moves only forward.



The default ResultSet is not updatable and moves forward as well as backward

The default ResultSet is updatable and moves forward as well as backward

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Consider the following code segment.

```
String sql = "SELECT * FROM Table";  
PreparedStatement pstmt = con.prepareStatement(sql,  
ResultSet.TYPE_SCROLL_INSENSITIVE, ResultSet.CONCUR_UPDATABLE);
```

Which of the following option is true?

Choices:

☐ It creates Updatable/Scrollable ResultSet which moves forward only.

☐ It creates Updatable/Scrollable ResultSet which moves backward only.

☐ It creates Updatable/Scrollable ResultSet which moves forward as well as backward.

☐ It creates default ResultSet which moves forward as well as backward.

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Which of the following 'statement' object is used for executing precompiled SQL statements?

Choices:

☐ Statement

☒ PreparedStatement



☐ CallableStatement

☐ None of the given options

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IndexOutOfRangeException occurs when:

Choices:

☐ File is not present.

☐ Incorrect data type conversion is forced to do.

☐ Command line arguments are not passed.



☐ Number is divided by zero.

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Node stream fall into which category of streams?

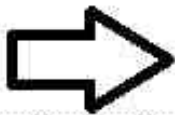
Choices:

☐ Character

☒ Byte

☐ Integer

☐ Double



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If we do not provide implementation of any one method of interface in a class that implements interface, class will:

Choices:

☒ Provide default implementation

check it

☐ Not compile

☐ Run having no error

☐ Become abstract

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If we want to handle mouse Clicked, released or pressed, Which of the following interface do we need to implement?

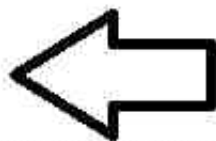
Choices:

☐ MouseMoved

☐ MouseDragged

☐ MouseMotionListener

☒ MouseListener



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If we have created a DSN named as employeeDSN what will be the url of database:

Choices:

☐ "jdbc:odbc: employeeDSN"☐ "jdbc_odbc: employeeDSN"☐ "odbc :jdbc: employeeDSN"☐ "jdbc:odbc_employeeDSN"

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Which of the following is true regarding an abstract class?

Choices:

☐ An abstract class must have at least one abstract method.

☐ An abstract class must have all methods declared as abstract methods.

☐ A class without any abstract method can be declared as an abstract class.

☐ An instance of abstract class can be created.



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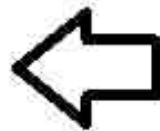
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An abstract class _____ instantiated.

Choices:

☒ Can't be



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☐ Can be

☐ Must be

☐ May be or may not be

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Suppose we have to create a GUI with the following design:

- Stretches horizontally and has a fixed height
- Stretches vertically and has a fixed Width
- Takes up as much space as possible in all directions

What is the best single Layout to use?

Choices:

☐ Border Layout

☐ Grid Layout

☐ Flow Layout

☐ Box Layout

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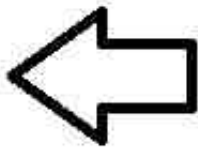
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Window, frame and dialog use _____ as their default layout.

Choices:

Flow layout

Border layout



Grid layout

GridBag layout

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moaaz

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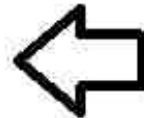
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Which of the following is not true about constructor?

Choices:

☐ Same name as class name

☒ Does not have any parameter(s)



☐ No initialization list

☐ Does not have return type

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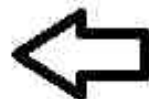
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A class that is defined in another class is called _____.

Choices:

☐ Private class☐ Public class☐ Inner class☒ Derived class

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Which driver is the network type driver from the following?

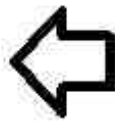
Choices:

Type 1

Type 2

Type 3

Type 4



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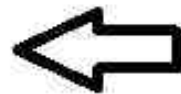
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_____ translates all JDBC calls into ODBC calls and send them to the ODBC Driver.

Choices:

Type-1



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Type-2



Type-3



Type-4



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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);
```

Choices:

☐ 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

Java compiler handles _____ exceptions by default.

Choices:

Checked

☐

Unchecked

☐

Both checked and unchecked

☐

None of the given

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Which one of the following is always executed irrespective of exception occurrence?

Choices:

☐ try block

☐ catch block

☐ throws block

☒ finally block



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This block always executes whether exception occurs or not.

In java how we can see the wait time for a statement object to execute?

Answer:



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As we know swing components are called light weight components. But still there are some heavy weight components in swing. Write the names of any four components.

Answer:



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The code given below is giving following un-wanted output.

Unwanted output:

Second employee
Zia
first employee

Answer:



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What is difference between named and anonymous objects? Also give an example for both.

Answer:



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Override a paintComponent() method to draw empty equilateral triangle using lines and an orange circle over it:

Answer:



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You are required to write code for a GUI based program which will display a button and two labels. First label would contain any text and second label would be empty. By clicking the button first time, the text from the first label will be shifted to second label and first label would become empty. By clicking the button second time, the text from second label will be shifted to first label and second label would become empty and so on.

Answer:



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- 3) GDB
- 4) GRAND QUIZZES

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