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Unit 11 - Week 9 :

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Assignment 9

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2019-04-03, 23:59 IST

1) Which package provides many methods for graphics programming?

1 point

- a. java.awt
- b. java.Applet
- c. java.Graphics
- d. java.io

- ☐ a
☐ b
☐ c
☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

a

2) In which of the following package, the class Applet is defined?

1 point

- a. java.awt
- b. java.applet
- c. javax.swing
- d. javax.jws

- ☐ a
☐ b
☐ c
☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

b

3) Which of the following steps are must for any kind of event handling?

1 point

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- ☐ b
☐ c
☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

a
c

4) Which of the following is/ are not related with keyboard event?

1 point

- a. ClassKeyEvent is used to notify if any key pressed occurs or not.
b. The KeyListener should be added either in init() or the main method.
c. RequestFocus should be added either in init() or the main method.
d. The class InputEvent should be imported explicitly in the program.

- ☐ a
☐ b
☐ c
☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

d

5) Which of the following package supports event handling routine, when we use S components in GUI programs?

1 point

- a. Javax.swing
b. Java.awt
c. Java.util
d. Java.applet

- ☐ a
☐ b
☐ c
☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

b

6) Which of the following displays components row-by-row in the order in which they were added to the JFrame?

1 point

- a. CardLayout
b. FlowLayout
c. BorderLayout
d. GridLayout

- ☐ a
☐ b
☐ c
☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

b

7)

1 point

Using a FlowLayout manager, which is the correct way to add elements to a container?

- a. add(component);
- b. add("Center", component);
- c. add(x, y, component);
- d. set(component);

- ☐ a
- ☐ c
- ☐ d
- ☐ c

No, the answer is incorrect.

Score: 0

Accepted Answers:

a

8) What will be the output produced by the following piece of code?

1 point

```
public class MyWindow {  
    public static void main(String args[]){  
        JFrame myWindow = new JFrame();  
        myWindow.setSize(300, 200);  
        myWindow.setTitle("NPTEL Studio");  
        JLabel myLabel;  
        JButton myButton = new JButton("Exit");  
        myWindow.setVisible(true);  
    }  
}
```

- a. A window with a title and a button.
- b. Only a window.
- c. Only a button.
- d. Only a window with a title and without any button.

- ☐ a
- ☐ b
- ☐ c
- ☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

d

9)

1 point

Which layout manager places components in one of five regions: north, south, east, west, center?

- a. CardLayout
- b. GridLayout
- c. BorderLayout
- d. FlowLayout

- ☐ a

- ☐ b
☐ c
☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

c

10)

1 point

The MouseListener interface specifies the following methods: mouseClicked, mouseEntered, mouseExited, mousePressed, and mouseReleased. In order to use a MouseListener in your code, you must provide an implementation for which of the following?

- a. None of the MouseListener methods.
b. All MouseListener methods.
c. At least the mouseClicked method.
d. Any one MouseListener method.

- ☐ a
☐ b
☐ c
☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

b

11)

1 point

Which class is used to create a pop-up list of items from which the user may choose?

- a. JList
b. JChoice
c. JLabels
d. JCheckbox

- ☐ a
☐ b
☐ c
☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

b

12)

1 point

Consider a subclass of JFrame that implements MouseListener. Assume that the class has instance data, int x1, x2, y1, y2, and boolean inside. The four int values represent the two points of a box (x1, y1 is the upper left hand point and x2, y2 is the lower right hand point). Which of the following properly defines code that will determine whenever the mouse button is clicked if the mouse is currently inside this box or not. If the mouse is inside the box, inside is set to true, otherwise it is set to false.

- a.

```
public void mouseMoved(MouseEvent me) {
    if(me.getX() >= x1 && me.getX() <= x2 && me.getY() >= y1 && me.getY() <= y2)
        inside = true;
    else
        inside = false;
}
```
- b.

```
public void mousePressed(MouseEvent me) {
    if(me.getX() >= x1 && me.getX() <= x2 && me.getY() >= y1 && me.getY() <= y2)
        inside = true;
    else
        inside = false;
}
```
- c.

```
public void mouseReleased(MouseEvent me) {
    if(me.getX() >= x1 && me.getX() <= x2 && me.getY() <= y1 && me.getY() >= y2)
        inside = true;
    else
        inside = false;
}
```
- d.

```
public void mouseEntered(MouseEvent me) {
    if(me.getX() >= x1 && me.getX() <= x2 && me.getY() >= y1 && me.getY() <= y2)
        inside = true;
    else
        inside = false;
}
```

- ☐ a
- ☐ b
- ☐ c
- ☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

c

13) How many frames will be displayed according to the following program?

1 point

```
import javax.swing.*;
public class Test {
    public static void main(String[] args) {
        JFrame f1 = new JFrame("My Frame");
        JFrame f2 = f1;
        JFrame f3 = f2;
        f1.setVisible(true);
        f2.setVisible(true);
        f3.setVisible(true);
    }
}
```

- a. 0
- b. 1
- c. 2
- d. 3

- ☐ a
- ☐ b
- ☐ c
- ☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

b

14)

1 point

To set a FlowLayout in a panel, sayjp, which of the following method(s) that you can use?

- a. jp.setLayout(new FlowLayout());
- b. jp.setLayout(new FlowLayout(FlowLayout.CENTER));
- c. jp.setLayout(new FlowLayout(FlowLayout.center));
- d. jp.setLayout(FlowLayout());

- ☐ a
- ☐ b
- ☐ c
- ☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

a

b

15)

1 point

Analyze the following code.

```
import java.awt.*;
import javax.swing.*;

public class Test {
    public static void main(String[] args) {
        JFrame frame = new JFrame("My Frame");
        frame.add(new JButton("OK"));
        frame.add(new JButton("Cancel"));
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        frame.setSize(200, 200);
        frame.setVisible(true);
    }
}
```

Which button will be displayed?

- a. OK
- b. Cancel
- c. both
- d. None

- ☐ a
- ☐ b
- ☐ c
- ☐ d

No, the answer is incorrect.

Score: 0

Accepted Answers:

b

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