

Course outline

How does an NPTEL online course work?

Week 0 : Assignment 0

Week 1 :

Week 2 :

Week 3 :

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Week 8 :

Week 9 :

● Lecture 41 : Demonstration-XV

● Lecture 42 : AWT Programming--III

● Lecture 43 : Swing—I

● Lecture 44 : Swing—II

● Lecture 45 : Demonstration-XVI

Assignment 9

The due date for submitting this assignment has passed.

Due on 2020-11-18, 23:59 IST.

Assignment submitted on 2020-11-10, 22:27 IST

1) Which of the following is/are interface(s) in javax.swing package?

1 point

- a. MenuElement
- b. BoxLayout
- c. JComponent
- d. Scrollable

☒ a.

☐ b.

☐ c.

☒ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

a.

d.

2) Which of the following Listener(s) is/are not supported by button (Swing component)?

1 point

- a. ActionListener
- b. ChangeListener
- c. ItemListener
- d. WindowListener

☐ a.

☐ b.

☐ c.

● Quiz: Assignment 9

● Java Week 9 : Q1

● Java Week 9 : Q2

● Java Week 9 : Q3

● Java Week 9 : Q4

● Java Week 9 : Q5

● Feedback For Week 9

Week 10 :

Week 11 :

Week 12 :

Solution

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Text Transcripts

Programming Test - (April 11
- 10AM - 12 PM)

Programming Test - (April 11
- 8PM - 10 PM)

☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

d.

3) Which of the following Listener Interface has an Adapter Class?

1 point

- a. ActionListener
- b. ChangeListener
- c. ComponentListener
- d. ItemListener

☐ a.

☐ b.

☒ c.

☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

c.

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

1 point

- 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.

Yes, the answer is correct.

Score: 1

Accepted Answers:

a.

b.

5) 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.

Yes, the answer is correct.

Score: 1

Accepted Answers:

a.

6) In Java AWT, TextArea and TextField are subclass of:

1 point

- a. List.
- b. Label.
- c. TextComponent.
- d. TextComponent and Label, respectively.

- ☐ a.
- ☐ b.
- ☒ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

c.

1 point

7) 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.

Yes, the answer is correct.

Score: 1

Accepted Answers:

b.

8) In JLabel(Icon, int) method/constructor, the int argument specifies the horizontal alignment of the label's contents within its drawing area.

1 point

Which of the following is/are valid constants for horizontal alignment?

- a. RIGHT
- b. LEADING
- c. TRAILING
- d. TOP

- ☒ a.
- ☒ b.
- ☒ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

- a.
- b.
- c.

9) **Select the correct statement(s) in the following.**

1 point

- a. JTextField cannot be used as an alternative to JLabel.
- b. JLabel cannot be used as an alternative to JTextField.
- c. Button grouped radio button cannot be used as an alternative to JComboBox.
- d. The class JPasswordField extends the class JLabel.

- ☐ a.
- ☐ b.
- ☒ c.
- ☐ d.

No, the answer is incorrect.

Score: 0

Accepted Answers:

- b.

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

1 point

- a. Class KeyEvent 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.

Yes, the answer is correct.

Score: 1

Accepted Answers:

- d.