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rajeshborate08@gmail.com ▾

**NPTEL** (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » **Programming in Java (course)**

 Announcements (announcements)    **About the Course** ([https://swayam.gov.in/nd1\\_noc20\\_cs08/preview](https://swayam.gov.in/nd1_noc20_cs08/preview))

Ask a Question (forum)    Progress (student/home)    Mentor (student/mentor)

## Unit 11 - Week 9 :

### Course outline

How does an NPTEL online course work?

Week 0 :

Week 1 :

Week 2 :

Week 3 :

Week 4 :

Week 5 :

Week 6 :

Week 7 :

Week 8 :

Week 9 :

- Lecture 41 : Demonstration-XV (unit? unit=10&lesson=55)

## Assignment 9

 The due date for submitting this assignment has passed. **Due on 2020-04-01, 23:59 IST.**

Assignment submitted on 2020-04-01, 22:03 IST

 1) **1 point**

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

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

- ☐ a.  
☐ b.  
☒ c.  
☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

c.

 2) **1 point**

● Lecture 42 :  
AWT  
Programming--  
III (unit?  
unit=10&lesson=56)

● Lecture 43 :  
Swing—I (unit?  
unit=10&lesson=57)

● Lecture 44 :  
Swing—II (unit?  
unit=10&lesson=58)

● Lecture 45 :  
Demonstration-  
XVI (unit?  
unit=10&lesson=59)

● Quiz :  
**Assignment 9**  
(assessment?  
name=104)

● Java Week 9 :  
Q1  
(/noc20\_cs08/progassignr  
name=167)

● Java Week 9 :  
Q2  
(/noc20\_cs08/progassignr  
name=168)

● Java Week 9 :  
Q3  
(/noc20\_cs08/progassignment?  
name=169)

● Java Week 9 :  
Q4  
(/noc20\_cs08/progassignment?  
name=170)

● Java Week 9 :  
Q5  
(/noc20\_cs08/progassignr  
name=171)

○ Feedback For  
Week 9 (unit?  
unit=10&lesson=178)

**Week 10 :**

**DOWNLOAD  
VIDEOS**

**Assignment  
Solution**

**Books**

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

- Implement the listener method(s) to receive and process event related notifications
- Adding mouse listener in the init() method.
- Register the source(s) to receive notifications about specific type of event(s).
- Adding mouse motion listener in the main() method .

☒ a.

☐ b.

☒ c.

☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

a.

c.

3)

**1 point**

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

a. Javax.swing

b. Java.awt

c. Java.util

d. Java.applet

☐ a.

☒ b.

☐ c.

☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

b.

4)

**1 point**

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

a. CardLayout

b. FlowLayout

c. BorderLayout

d. GridLayout

☐ a.

☒ b.

☐ c.

☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

**Live Interactive  
Session**

b.

5)

**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.☐ b.☐ c.☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

a.

6)

**1 point**

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

- a. JList
- b. JComboBox
- c. JLabel
- d. JCheckBox

☐ a.☒ b.☐ c.☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

b.

7)

**1 point**

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

```
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.

Yes, the answer is correct.

Score: 1

Accepted Answers:

b.

8)

1 point

Which of the following method is used to set a frame, say **f** with size  $300 \times 200$  pixels?

```
JFrame f = new JFrame();
```

- a. f.setSize(300, 200);
- b. f.setSize(200, 300);
- c. f.paint(300, 200);
- d. f.setVisible(300, 200);

- ☒ a.
- ☐ b.
- ☐ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

a.

9)

1 point

Which of the following classes can be used to represent a checkbox with a textual label that can appear in a menu?

- a. MenuBar
- b. MenuItem
- c. CheckboxMenuItem
- d. Menu

- ☐ a.
- ☐ b.
- ☒ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

c.

10

What is(are) the way(s) to create a Frame using Java Swing?

1 point

- a. By creating the object of Frame class (*association*)
- b. By extending Frame class (*inheritance*)
- c. By importing a package named JFrame
- d. By declaring a class with name JFrame

- ☒ a.
- ☒ b.
- ☐ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

a.

b.

