

Course outline

How does an NPTEL online course work?

Week 0 : Assignment 0

Week 1 :

Week 2 :

Week 3 :

Week 4 :

Week 5 :

Week 6 :

Week 7 :

Week 8 :

● Lecture 36 : Applet Programming--III

● Lecture 37 : Demonstration-XIII

● Lecture 38 : Demonstration-XIV

● Lecture 39 : AWT Programming—I

● Lecture 40 : AWT Programming—II

● Quiz: Assignment 8

Assignment 8

The due date for submitting this assignment has passed.

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

Assignment submitted on 2020-11-10, 21:42 IST

1) Which of the following statement(s) is/are NOT true?

1 point

- a. An applet can extend the java.applet.Applet class or the java.swing.JApplet class.
- b. The java.applet.Applet class extends the java.awt.Panel class and enables you to use the GUI tools in the AWT package.
- c. The java.swing.JApplet class is a subclass of java.applet.Applet that also enables you to use the Swing GUI tools.
- d. An applet can make network connections to any host on the Internet

- ☐ a.
- ☐ b.
- ☐ c.
- ☒ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

d.

2) Which of the following is NOT a class of java.awt package?

1 point

- a. Button
- b. Component
- c. Dialog
- d. Paint

- ☐ a.

Java Week 8: Q1

Java Week 8: Q2

Java Week 8: Q3

Java Week 8: Q4

Java Week 8: Q5

Feedback For Week 8

Week 9 :

Week 10 :

Week 11 :

Week 12 :

Solution

DOWNLOAD VIDEOS

Text Transcripts

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

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

☐ b.

☐ c.

☒ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

d.

3) Which of the following statement(s) is/are correct?

1 point

- a. AWT components are platform-independent.
- b. AWT follows the MVC (Model View Controller).
- c. Swing components are platform-dependent.
- d. Swing follows MVC (Model View Controller).

☐ a.

☐ b.

☐ c.

☒ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

d.

4) When we invoke `repaint()` for a `java.awt.Component` object, the AWT invokes which of the following method ?

1 point

- a. `draw()`
- b. `show()`
- c. `update()`
- d. `paint()`

☐ a.

☐ b.

☒ c.

☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

c.

5) Which package provides many event classes and Listener interfaces for event handling?

1 point

- a. java.awt
- b. java.lang
- c. java.io
- d. java.util

- ☒ a.
- ☐ b.
- ☐ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

a.

6) What is the name of the method used to get the timestamp of an event in AWT `ActionEvent` class ?

1 point

- a. `getWhen()`.
- b. `getModifiers()`.
- c. `paramString()`.
- d. `getActionCommand()`.

- ☒ a.
- ☐ b.
- ☐ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

a.

7) Which is/are used to create a Frame?

1 point

1. By creating the object of Frame class (association)
 2. By extending Frame class (inheritance)
-
- a. Only 1
 - b. Only 2
 - c. Both
 - d. None

- ☐ a.
- ☐ b.
- ☒ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

c.

8) Which of the following methods is called only once during the run time of an applet?

1 point

- a. stop()
- b. paint()
- c. init()
- d. destroy()

- ☐ a.
- ☐ b.
- ☒ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

c.

9) Which of the following methods can be used to change the size of a `java.awt.Component` object?

1 point

- (A) `dimension()`
- (B) `setSize()`
- (C) `area()`
- (D) `size()`
- (E) `resize()`

- a. (A), (B), (C) & (E)
- b. (D) & (E)
- c. (A), (B) & (E)
- d. (B) & (E)

- ☐ a.
- ☐ b.
- ☐ c.
- ☒ d.

Yes, the answer is correct.

Score: 1

Accepted Answers:

d.

10) The **APPLET** tag is used to start an applet from both an HTML document and from an applet viewer.

1 point

- a. True
- b. False
- c. APPLET tag is not mandatory in both cases
- d. None of the above

- ☒ a.
- ☐ b.
- ☐ c.
- ☐ d.

Yes, the answer is correct.

Score: 1

Accepted Answers: a.