

Assignment No. 3

1. How to remove the event listener?
 - a) Using removeListener() method.
 - b) Using removeTypeListener() method.
 - c) Using removeEvent() method.
 - d) It is not possible to remove the event listener.

2. At the root of Java event hierarchy, which class is located?
 - a) AWTEvent
 - b) Event
 - c) EventObject
 - d) Events

3. Action event is generated when...
 - a) Label is dragged
 - b) Button is pressed
 - c) Mouse is dragged
 - d) Window is opened

4. How to obtain the command name for invoking ActionEvent?
 - a) Using getActionCommand() method.
 - b) Using getCommand() method.
 - c) Using getAction() method.
 - d) Using obtainAction() method.

5. When slider of scrollbar was dragged, which event is generated?
 - a) TRACK
 - b) DRAGGED
 - c) DRAG
 - d) SCROLLBAR_MOVED

6. FocusEvent is subclass of ...
 - a) ContainerEvent
 - b) ComponentEvent
 - c) ItemEvent

- d) KeyEvent
7. When the InputEvent is not generated?
- a) Key is entered through keyboard
 - b) Mouse is dragged
 - c) Mouse wheel is moved
 - d) None of the above
8. TextEvent defines the integer constant...
- a) TEXT_CHANGED
 - b) TEXT_VALUE_CHANGED
 - c) TEXT_ADDED
 - d) TEXT_VALUE_ADDED
9. Which of the following is not event source?
- a) MenuItem
 - b) CheckboxGroup
 - c) Window
10. Till now, two models have been introduced in Java for
- a. Receiving and Processing events
 - b. Deleting and Processing events
 - c. Receiving and Deleting events
 - d. Modifying and Receiving events
11. An event is generated when the internal state of the event source is _____
- a. Not changed
 - b. Changed
 - c. Either changed or not
 - d. None of these
12. EventObject class belongs to:
- a. java.util
 - b. java.awt
 - c. java.lang
 - d. java.sql
13. The _____ interface handles list events:
- a. ContainerListener
 - b. FocusListener
 - c. ActionListener
 - d. ItemListener
14. The _____ interface handles choice events:
- a. ContainerListener
 - b. ItemListener
 - c. ActionListener
 - d. WindowListener
15. The _____ interface is used to handle checkbox events:
- a. ContainerListener
 - b. ItemListener

- c. ActionListener
 - d. WindowListener
16. The _____ interface is used to handle button events:
- a. ContainerListener
 - b. ItemListener
 - c. **ActionListener**
 - d. WindowListener
17. A push button is an active control that has a _____ appearance
- a. One dimensional
 - b. Two dimensional
 - c. **Three dimensional**
 - d. None of these
18. ItemListener is defined by the _____ method:
- a. itemChangedState()
 - b. **itemStateChanged()**
 - c. itemChanged()
 - d. itemState()
19. _____ is a superclass of TextField and TextArea classes that is used to create single-line or multiline textfields respectively:
- a. TextBox
 - b. CheckBox
 - c. **TextComponent**
 - d. Choice
20. A label is a simple control which is used to display _____ on the window:
- a. **Text(non-editable)**
 - b. Text(editable)
 - c. Both a & b
 - d. None of these
21. The Delegation Event Model defines a _____ approach to handle events:
- a. **Logical**
 - b. Physical
 - c. Both a & b
 - d. None of these
22. The Delegation Event Model is based on the concept of _____
- a. Source
 - b. Listener
 - c. **Both a & b**
 - d. None of these
23. A source generates an event and sends it to _____ listeners that can handle the event:
- a. One
 - b. Two
 - c. **One or more**
 - d. None of these
24. Applet is a small program written in the Java programming language that performs:
- a. A specific task
 - b. May or may not be a part of a larger program

- c. Both a & b
- d. None of these

25. _____ generates action events when an item is double-clicked, generate action events when an item is selected or deselected.
- a. List
 - b. Check box
 - c. Menu item
 - d. Text box Label
26. ItemListener event defines this method...
- a) itemEventChanged()
 - b) itemEventOcurred()
 - c) itemValueChanged()
 - d) itemStateChanged()
27. KeyEvent is generated in following sequence...
- a) Key typed, pressed, released
 - b) Key released, typed, pressed
 - c) Key pressed, typed, released
 - d) Key pressed, released, typed
28. Which method is not defined by MouseListener interface?
- a) mouseDragged()
 - b) mouseReleased()
 - c) mouseEntered()
 - d) none of this
29. What is anonymous inner class?
- a) An anonymous inner class is one that is not assigned a name.
 - b) An anonymous inner class is one that is not used for creating the objects
 - c) An anonymous inner class is one for which we can not create the object.
 - d) An anonymous inner class is one that which is declared but not used anywhere in the program.
30. _____ package contains all the classes and methods required for Event handling in java.
- (a) java.applet
 - (b) java.awt
 - (c)java.event
 - (d)java.awt.event
31. What is an event is delegation event model used by Java programming Language?
- a) An event is an object that describes a state change in a source.
 - b) An event is an object that describes a state change in a processing.

- c) An event is an object that describes any change by the user and System
- d) An event is a class used for defining object, to create events.

34. method are used to register a keyboard event listener.

- (a) KeyListener()
- (b) addKistener()
- (c) addKeyListener()**
- (d) eventKeyboardListener()

35. _____ method are used to register a mouse motion listener.

- (a) addMouseO
- (b) addMouseListenerO
- (c) addMouseMotionListnerO**
- (d) eventMouseMotionListenerO

36. What is a listener in context to event handling?

- (a) A listener is a variable that is notified when an event occurs.
- (b) A listener is an object that is notified when an event occurs.**
- (c) A listener is a method that is notified when an event occurs.
- (d) None of the mentioned

37. In which library event class is defined ?

- (a) java.io
- (b) java.util**
- (c) java.lang
- (d) java.net

38. Which of these methods can be used to determine the type of event ?

- (a) getSourceO
- (b) getEventO
- (c) getIDO**
- (d) getEventObjectO

39 _____ is super class of all the events.

- (a) EventObject**
- (b) EventClass
- (c) ActionEvent
- (d) ItemEvent

40. If scroll bar is manipulated _____ event will be notified.

- (a) ActionEvent
- (b) ComponentEvent
- (c) AdjustmentEvent**
- (d) WindowEvent

41. if we close an applet's window generated. _____ event will be

- (a) ActionEvent
- (b) ComponentEvent
- (c) AdjustmentEvent**
- (d) WindowEvent**

42. Which of these events is generated when a button is pressed?

- (a) ActionEvent (b) KeyEvent
(c) Window Event (d) AdjustmentEvent

43. _____ method can be used to obtain the command name for invoking ActionEvent object.

- (a) getCommand() (b) **getActionCommand()**
(b) getActionEvent() (d) getActionEventCommand()

44. Which of these are integer constants defined in ActionEvent class?

- (a) ALT_MASK (b) CTRL_MASK
(c) SHIFT_MASK (d) All of the mentioned

45. Which of these methods can be used to determine type of Event

- (a) **getID()** (b) getSource()
(c) getEvent() (d) getEventObject()

46. _____ method can be used to determine the type of adjustment event.

- (a) getType() (b) getEventType()
(c) **getAdjustmentType()** (d) getEventObjectType()

47. _____ method can be used to know the degree of adjustment made by the user.

- (a) getValue() (b) getAdjustmentType()
(c) **getAdjustmentValue()** (d) getAdjustmentAmount()

48. What are the KeyListener Interface?

- (a) keyPressed (b) keyReleased
(c) keyTyped (d) **All three.**

49. When the size of component is changed, _____ event is generated.

- (a) ComponentEvent (b) **ContainerEvent**
(c) FocusEvent (d) InputEvent

50. When the component is added or removed ? Which of these events is generated ?

- (a) **ComponentEvent** (b) ContainerEvent
c) FocusEvent (d) InputEvent

51. _____ method can be used to obtain the reference to the container that generated a ContainerEvent.

- (a) **getContainerO** (b) getContainerCommandO
(c) getActionEventO (d) getContainerEventO

52. Which is the constant used for always providing the vertical scrollbar

- (a) VERTICAL_SCROLLBAR_ALWAYS
- (b) VERTICAL_SCROLLBAR_AS_NEEDED

53. Which is the method used for WindowsClosing Event?

- (a) windowOpened()
- (b) windowClosed()
- (c) windowClosing()
- (d) windowDeactivated()

54. __event is generated when computer gains or losses input focus.

- (a) ComponentEvent
- (b) ContainerEvent
- (c) FocusEvent
- (d) InputEvent

55. FocusEvent is subclass of which of these classes?

- (a) ComponentEvent
- (b) ContainerEvent
- (c) ItemEvent
- (d) InputEvent

56. ___ can be used to know the type of focus change.

- (a) typeFocus()
- (b) typeEventFocus()
- (c) isTemporary()
- (d) isPermanent()

57. ___ is superclass of Container Event class.

- (a) WindowEvent
- (b) ComponentEvent
- (c) ItemEvent
- (d) InputEvent

58. Which of the following method can be used to obtain the coordinates of a mouse?

- (a) getPoint()
- (b) getCoordinates()
- (c) getMouseXY()
- (d) getMouseCordinates()

59. ___ method can be used to change location of an event.

- (a) ChangePoint()
- (b) TranslatePoint()
- (c) ChangeCordinates()
- (d) TranslateCordinates()

60. Which of the following is integer constants of TextEvent class?

- a. TEXT_CHANGED
- b. TEXT_FORMAT_CHANGED
- c. TEXT_VALUE_CHANGED
- d. TEXT_SIZE_CHANGED