

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) itemEventOccurred()
 - b) itemEventOccurred()
 - 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) eventKeyListener()

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 a 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) getSoureeO
- (b) getEventO
- (c) getIDO
- (d) getEventObjheetO

39. _____is super class of all the events.

- (a) EventObjheet
- (b) EventClass
- (c) AetionEvent
- (d) ItemEvent

40. If scroll bar is manipulated_____event will be notified.

- (a) AetionEvent
- (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()**
(c) 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) **getContainer()** (b) getContainerCommand()
(c) getActionEvent() (d) getContainerEvent()

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) getMouseCoordinates()
59. __ method can be used to change location of an event.
(a) ChangePoint() (b) TranslatePoint()
(c) ChangeCoordinates() (d) TranslateCoordinates()
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