Listeners :-

What is a listener?

It is an interface in java, which listens some event generated by component.

ActionEvent fires on

When user

- Click on a button
- Press Enter in a TextField
- Choose a menuitem

ActionListener

How to write an ActionListener

1. ActionListener interface
2. Void action Performed()
3. addActionListener()

ItemListner

It is a Listener that listens ItemEvent.

ItemListner fires on

- Any item is selected in a combobox
- Checkbox is clicked
- Radio button is clicked
- Choose a JCheckBoxMenuItem

How to write ItemListner

1. ItemListener
2. Void item StateChanged()
3. addItemListener()

KeyListener

It is a Listener that listens KeyEvent.

How to write KeyListener

1. KeyListener
2. Void keyPressed()
3. Void keyTyped()
4. Void keyReleased()
5. addKeyListener()

MouseListener

It is a Listener that listens MouseEvent.

How to write MouseListener

1. MouseListener
2. Void mouseEntered()
3. Void mouseExited()
4. Void mousePressed()
5. Void mouseClicked()
6. Void mouseReleased()
7. Add MouseListener
8. MouseListener

MouseMotionListener

It is a Listener that listens MouseMotionEvent.

How to write MouseMotionListener

1. MouseMotionListener
2. Void mouseMoved()
3. Void mouseDragged()
4. addMouseMotionListener()

FocusListener

It is a Listener that listens FocusEvent.

How to write FocusListener

1. FocusListener
2. Void focusGained()
3. Void focusLost()
4. addFocusListener()

CaretListener

What is Caret?

The cursor of mouse is known as Caret in the term of computer science.

It is a Listener that listens CaretEvent.

How to write CaretListener

1. CaretListener
2. Void caretUpdated()
3. addCaretListener()

WindowListener

How to write WindowListener

1. Void windowOpened()
2. Void windowClosing()
3. Void windowClosed()
4. Void windowIconified()
5. Void windowDeiconified()
6. Void windowActivated()
7. Void windowDeactivated()
8. addWindowListener()