**TextField:-**

The object of TextFiled class is Textcomponent that allows the editing for single line input.

Package-java.awt.TextField class:

**constructors**

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| **S.N.** | **Constructor & Description** |
| 1 | **TextField()** Constructs a new text field. |
| 2 | **TextField(int columns)**Constructs a new empty text field with the specified number of columns. |
| 3 | **TextField(String text)** Constructs a new text field initialized with the specified text. |
| 4 | **TextField(String text, int columns)** Constructs a new text field initialized with the specified text to be displayed, and wide enough to hold the specified number of columns. |

**Class methods**

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| **S.N.** | **Method & Description** |
| 1 | **void addActionListener(ActionListener l)** Adds the specified action listener to receive action events from this text field. |
| 2 | **void addNotify()** Creates the TextField's peer. |
| 3 | **boolean echoCharIsSet()** Indicates whether or not this text field has a character set for echoing. |
| 4 | **AccessibleContext getAccessibleContext()** Gets the AccessibleContext associated with this TextField. |
| 5 | **ActionListener[] getActionListeners()** Returns an array of all the action listeners registered on this textfield. |
| 6 | **int getColumns()** Gets the number of columns in this text field. |
| 7 | **char getEchoChar()** Gets the character that is to be used for echoing. |
| 8 | **<T extends EventListener> T[] getListeners(Class<T> listenerType)**  Returns an array of all the objects currently registered as FooListeners upon this TextField. |
| 9 | **Dimension getMinimumSize()** Gets the minumum dimensions for this text field. |
| 10 | **Dimension getMinimumSize(int columns) Gets the minumum dimensions for a text field with the specified number of columns.** |
| 11 | **Dimension getPreferredSize()** Gets the preferred size of this text field. |
| 12 | **Dimension getPreferredSize(int columns)** Gets the preferred size of this text field with the specified number of columns. |
| 13 | **Dimension minimumSize()**  Deprecated. As of JDK version 1.1, replaced by getMinimumSize(). |
| 14 | **Dimension minimumSize(int columns)**  Deprecated. As of JDK version 1.1, replaced by getMinimumSize(int). |
| 15 | **protected String paramString()**  Returns a string representing the state of this TextField. |
| 16 | **Dimension preferredSize()**  Deprecated. As of JDK version 1.1, replaced by getPreferredSize(). |
| 17 | **Dimension preferredSize(int columns)**  Deprecated. As of JDK version 1.1, replaced by getPreferredSize(int). |
| 18 | **protected void processActionEvent(ActionEvent e)**  Processes action events occurring on this text field by dispatching them to any registered ActionListener objects. |
| 19 | **protected void processEvent(AWTEvent e)**  Processes events on this text field. |
| 20 | **void removeActionListener(ActionListener l)**  Removes the specified action listener so that it no longer receives action events from this text field. |
| 21 | **void setColumns(int columns)**  Sets the number of columns in this text field. |
| 22 | **void setEchoChar(char c)**  Sets the echo character for this text field. |
| 23 | **void setEchoCharacter(char c)**  Deprecated. As of JDK version 1.1, replaced by setEchoChar(char). |
| 24 | **void setText(String t)**  Sets the text that is presented by this text component to be the specified text. |

**import** java.awt.\*;

**class** FrameDemo{

**public** **static** **void** main(String args[]){

Frame f= **new** Frame("TextField Example");

TextField t1,t2;

t1=**new** TextField("Welcome to CDAC Jaipur.");

t1.setBounds(50,100, 200,30);

t2=**new** TextField("AWT ");

t2.setBounds(50,150, 200,30);

f.add(t1); f.add(t2);

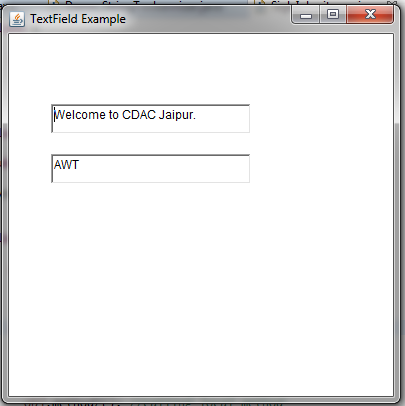
f.setSize(400,400);

f.setLayout(**null**);

f.setVisible(**true**);

}

}

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