

ECAP615

Programming in Java



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Learning Outcomes



After this lecture, you will be able to

- learn the basic concept of JComboBox class
- understand various constructors and methods used in JComboBox class and their implementation
- know the working of Jtable class and its various functions

JComboBox

- JComboBox is a part of Java Swing package.
- JComboBox inherits JComponent class .
- It shows a popup menu that shows a list and the user can select a option from that specified list .

Constructors of JComboBox

Constructor	Description
<code>JComboBox()</code>	Creates a JComboBox with a default data model.
<code>JComboBox(Object[] items)</code>	Creates a JComboBox that contains the elements in the specified array.
<code>JComboBox(Vector<?> items)</code>	Creates a JComboBox that contains the elements in the specified Vector.

Methods of JComboBox

- **void addItem(Object anObject)**
- void removeItem(Object anObject)
- void removeAllItems()
- void setEditable(boolean b)
- void addActionListener(ActionListener a)
- void addItemListener(ItemListener i)

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JTable Class

- The JTable class is used to display data in tabular form.
- It is composed of rows and columns.

Constructors used in Jtable

- `JTable()`
- `JTable(int rows, int cols)`
- `JTable(Object[][] data, Object []Column):`

Functions of Jtable

- **addColumn(TableColumn []column)**
- clearSelection()
- editCellAt(int row, int col)
- setValueAt(Object value, int row, int col)

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That's all for now...