

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