

ECAP615

Programming in Java



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Learning Outcomes



After this lecture, you will be able to

- learn the basic concept of JColorChooser Class
- understand the various constructors and methods of JColorChooser Class
- comprehend implementation of JColorChooser Class

JColorChooser Class

- The JColorChooser class is used to create a color chooser dialog box so that the user can select any color.
- It inherits the JComponent class.
- The JColorChooser class is a pre-defined class in the javax.swing package that shows a color dialog box.

JColorChooser Class

The default color chooser provides five chooser panels:

- Swatches
- HSV
- HSL
- RGB
- CMYK

Constructors of JColorChooser Class

- `JColorChooser()`
- `JColorChooser(Color initialColor)`
- `JColorChooser(ColorSelectionModel model)`

Methods used in JColorChooser Class

- `setColor(Color color)`
- `setColor(int c)`
- `setColor(int r, int g, int b)`
- `showDialog(Component cmp, String title, Color init_Color)`

Methods used in JColorChooser Class

- `setChooserPanels(AbstractColorChooserPanel[] panels)`
- `addChooserPanel(AbstractColorChooserPanel panel)`
- `setSelectionModel(ColorSelectionModel newModel)`
- `setPreviewPanel(JComponent preview)`

That's all for now...