

# ECAP615

## Programming in Java



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# Learning Outcomes



After this lecture, you will be able to

- learn the basic concept of GridLayout
- understand the various constructors and methods of GridLayout
- implementation of GridLayout

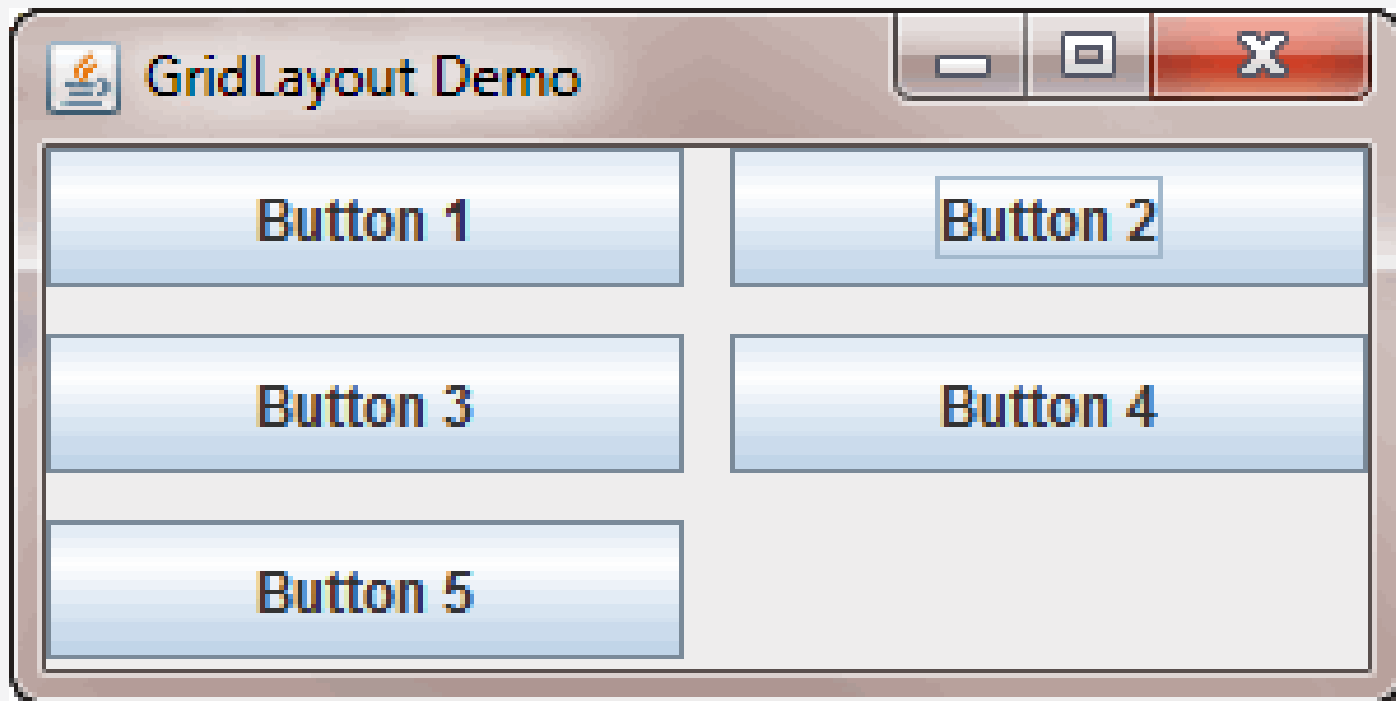
# GridLayout

- GridLayout class represents a layout manager with a specified number of rows and columns in a rectangular grid.
- The GridLayout container is divided into an equal-sized of rectangles

# GridLayout

- Every rectangle cell has the same size therefore, they contain a component, which fills the entire cell.
- When the user changes or adjusts the size of the container, the size of each rectangles changes accordingly.

# GridLayout



# Constructors of GridLayout

- `GridLayout()`
- `GridLayout(int rw, int cl)`
- `GridLayout(int rw, int cl, int hgap, int vgap)`

# Methods used with GridLayout

- `addLayoutComponent(String str, Component cmp)`
- `setColumns(int cl)`
- `setHgap(int hgap)`
- `setRows(int rw)`
- `setVgap(int vgap)`
- `layoutContainer(Container pr)`
- `toString()`

A blue scroll graphic with a black outline, featuring a vertical strip on the left and a small circular detail at the top right corner. The text "That's all for now..." is written in a dark blue, sans-serif font across the center of the scroll.

That's all for now...