# Container with quadrants (Xpx, Ypx)



### I. Top Left Quadrant

- Vertical (top): 0px to containerHeight / 2
- Horizontal (left): From 0px to containerWidth / 2

## II. Top Right Quadrant

- Vertical (top): 0px to containerHeight / 2
- Horizontal (left): From containerWidth / 2 to containerWidth

#### III. Bottom Left Quadrant

- Vertical (top): containerHeight / 2 to containerHeight
- Horizontal (left): From 0px to containerWidth / 2

# IV. Bottom Right Quadrant

- Vertical (top): containerHeight / 2 to conatinerHeight
- Horizontal (left): From containerWidth / 2 to containerWidth

#### Steps To Place Item

- 1. Determine width & height of container
- 2. Display container
- 3. For each item added
  - Get item values (text, colour, etc)
  - Map colour to a quadrant
  - Calculate position (top & right) using width/ height of container
  - Append the new item to the container