**CSC 210**

**Practice with Layout Managers – 12/11/2022**

LAB\_05

import javax.swing.JFrame;

import javax.swing.JLabel;

import java.awt.GridLayout;

public class GridLayoutJFrame extends JFrame

{

public static final int WIDTH = 500;

public static final int HEIGHT = 400;

public static void main(String[] args)

{

GridLayoutJFrame gui = new GridLayoutJFrame(2, 3);

gui.setVisible(true);

}

public GridLayoutJFrame(int rows, int columns )

{

super( );

setSize(WIDTH, HEIGHT);

setTitle("GridLayout Demonstration");

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setLayout(new GridLayout(rows, columns ));

JLabel label1 = new JLabel("First label");

add(label1);

JLabel label2 = new JLabel("Second label");

add(label2);

JLabel label3 = new JLabel("Third label");

add(label3);

JLabel label4 = new JLabel("Fourth label");

add(label4);

JLabel label5 = new JLabel("Fifth label");

add(label5);

}

}

LAB\_06

import javax.swing.JFrame;

import javax.swing.JLabel;

import java.awt.FlowLayout;

public class FlowLayoutJFrame extends JFrame

{

public static final int WIDTH = 500;

public static final int HEIGHT = 400;

public FlowLayoutJFrame( )

{

super( );

setSize(WIDTH, HEIGHT);

setTitle("Layout Demonstration");

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setLayout(new FlowLayout( ));

JLabel label1 = new JLabel("First label");

add(label1);

JLabel label2 = new JLabel("Second label");

add(label2);

JLabel label3 = new JLabel("Third label");

add(label3);

}

}

public class FlowLayoutDemo

{

public static void main(String[] args)

{

FlowLayoutJFrame gui = new FlowLayoutJFrame();

gui.setVisible(true);

}

}