

Graded Lab 4

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Test.java

```
package gr4;

import javax.swing.*;
import java.awt.*;
import java.awt.event.*;

@SuppressWarnings("serial")
public class Test extends JFrame{

    MyPanel panel = new MyPanel();
    public Test(){
        add(panel);
    }

    class MyPanel extends JPanel{

        int x = 50;
        int size = 10;

        public MyPanel() {
            addKeyListener(new KeyAdapter() {
                public void keyPressed(KeyEvent e) {
                    switch (e.getKeyCode()) {
                        case KeyEvent.VK_RIGHT: x += 10;
                        break;
                        case KeyEvent.VK_LEFT: x -= 10;
                        break;
                        case KeyEvent.VK_UP: size+=10;
                        break;
                        case KeyEvent.VK_DOWN: size-=10;
                    }
                    repaint();
                }
            });
            setFocusable(true);
        }

        protected void paintComponent(Graphics g) {
            super.paintComponent(g);

            Font f = new Font(Font.MONOSPACED, 0, size);
            g.setFont(f);
```

```
        g.drawString("Rohan Verma",x,150);
    }
}

public static void main(String[] args) {
    Test frame = new Test();
    frame.setTitle("Rohan Verma GR4");
    frame.setSize(400,400);
    frame.setLocationRelativeTo(null);
    frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    frame.setVisible(true);
}
}
```

Screenshots









