

Name:- EXP3

Program:-

```
import java.awt.BorderLayout;
import java.awt.GridLayout;

import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;

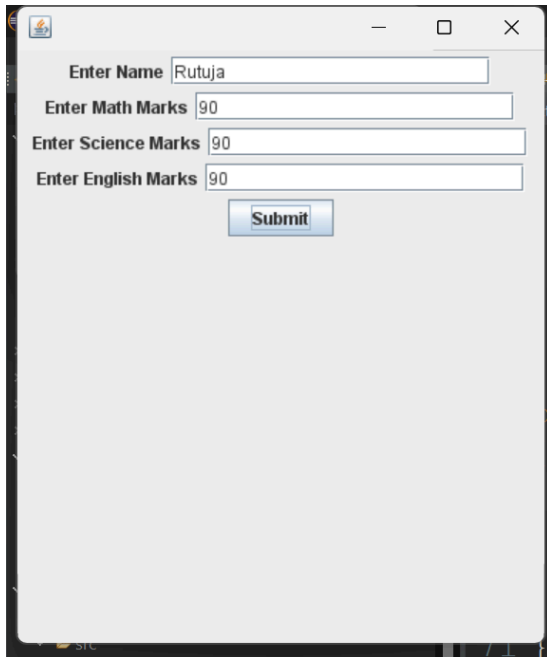
import javax.swing.JButton;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JPanel;
import javax.swing.JTextField;

public class ReportCards extends JFrame{

    JPanel jp = new JPanel();
    JLabel lname = new JLabel();
    JButton bsubmit = new JButton("Submit");
    JTextField tname = new JTextField(20);
    JLabel lMath = new JLabel();
    JTextField tMath = new JTextField(20);
    JLabel lScience = new JLabel();
    JTextField tScience = new JTextField(20);
    JLabel lEnglish = new JLabel();
    JTextField tEnglish = new JTextField(20);
    public ReportCards()
    {lname.setText("Enter Name");
        jp.add(lname);
        jp.add(tname);
        lMath.setText("Enter Math Marks");
        jp.add(lMath);
        jp.add(tMath);
        lScience.setText("Enter Science Marks");
        jp.add(lScience);
        jp.add( tScience);
        lEnglish.setText("Enter English Marks");
        jp.add(lEnglish);
        jp.add(tEnglish);
        jp.add(bsubmit);
        add(jp);
        bsubmit.addActionListener (new ActionListener () {
            public void actionPerformed(ActionEvent arg0) {
                String val=tname.getText();
                JLabel l1 = new JLabel( "Welcome "+val);
                int sub1 = Integer.parseInt(tMath.getText());
                int sub2 = Integer.parseInt(tScience.getText());
                int sub3 = Integer.parseInt(tEnglish.getText());
                int sum = sub1+sub2+sub3;
                float average = sum/3;
                JLabel l2 = new JLabel("Average "+ average);
                JPanel jip = new JPanel();
                jip.add(l1);
                jip.add(l2);
                JFrame inf = new JFrame();
                inf.setVisible(true);
                inf.add(jip);
                inf.setSize(300, 200);
            }
        });
    }

    public static void main(String[] args)
    {ReportCards rc = new ReportCards();
        rc.setSize(300, 400);
        rc.setVisible(true);
    }
}
```

Output:-



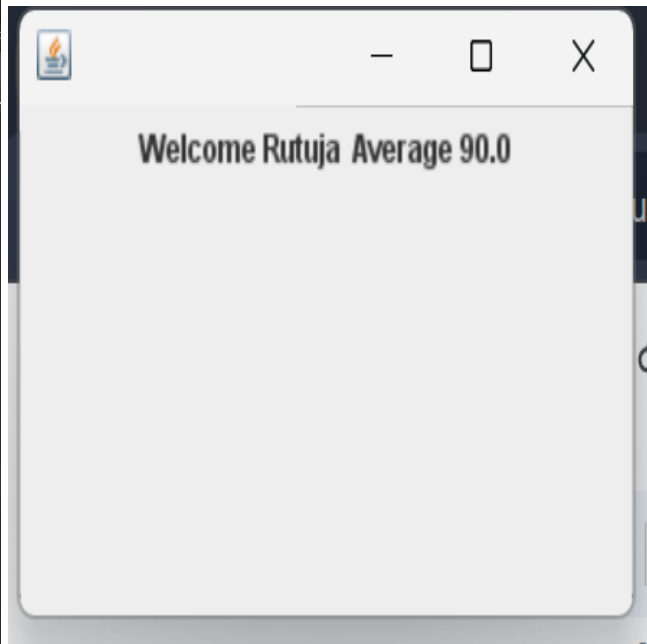
A screenshot of a Java Swing window with a light gray background. It contains four text input fields and a submit button. The first field is labeled 'Enter Name' and contains the text 'Rutuja'. The second field is labeled 'Enter Math Marks' and contains '90'. The third field is labeled 'Enter Science Marks' and contains '90'. The fourth field is labeled 'Enter English Marks' and contains '90'. Below the fields is a blue button with the text 'Submit'.

Enter Name

Enter Math Marks

Enter Science Marks

Enter English Marks



A screenshot of a Java Swing window with a light gray background. It displays a welcome message and an average score.

Welcome Rutuja Average 90.0