```
package bmicaluclatorproject;
import javax.swing.*;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.util.EventObject;

public class caluclatorpgm extends JFrame implements ActionListener {
    JLabel tittle, height, weight;
    JTextField htf, wtf, bmitf;
    JButton bmi;

    caluclatorpgm() {

        setVisible(true);
        setLayout(null);
        setLocation(30, 30);
        setSize(840, 540);
        getContentPane().setBackground(Color.lightGray);

        tittle = new JLabel("BMI CALUCLATOR  (IN METRIC SCALE)");
        tittle.setFont(Font.getFont(Font.SANS_SERIF));
        tittle.setBounds(330, 30, 400, 90);
        tittle.setForeground(Color.black);
        add(tittle);


        height = new JLabel("HEIGHT(in cm): ");
        height.setBounds(100, 100, 300, 40);
        add(height);

        htf = new JTextField();
        htf.setBounds(300, 100, 200, 40);
        add(htf);

        weight = new JLabel("WEIGHT(in kg): ");
        weight.setBounds(100, 200, 300, 40);
        add(weight);

        wtf = new JTextField();
        wtf.setBounds(300, 200, 200, 40);
        add(wtf);

        bmi = new JButton("Caluclate BMI");
        bmi.setBounds(310, 280, 150, 40);
        bmi.setBackground(Color.white);
        bmi.addActionListener(this);
        add(bmi);

        bmitf = new JTextField();
        bmitf.setBounds(250, 330, 270, 40);
        add(bmitf);
    }

    public void actionPerformed(ActionEvent ae) {
```

```
        if (ae.getSource() == bmi) {
            try {
                int h = Integer.parseInt(htf.getText());
                int w = Integer.parseInt(wtf.getText());

                double res = (((double) w /(h * h)) * 10000);
                String answer = String.valueOf(res);
                 bmitf.setText(answer);
                System.out.println(bmitf.getText());

            } catch (Exception e) {

            }
        }
    }

    public static void main (String[]args){
        new caluclatorpgm();

    }
}
```