

Name : ibraheem qasim

Sap id : 42896

Section : BSCS 5

Assignment 1

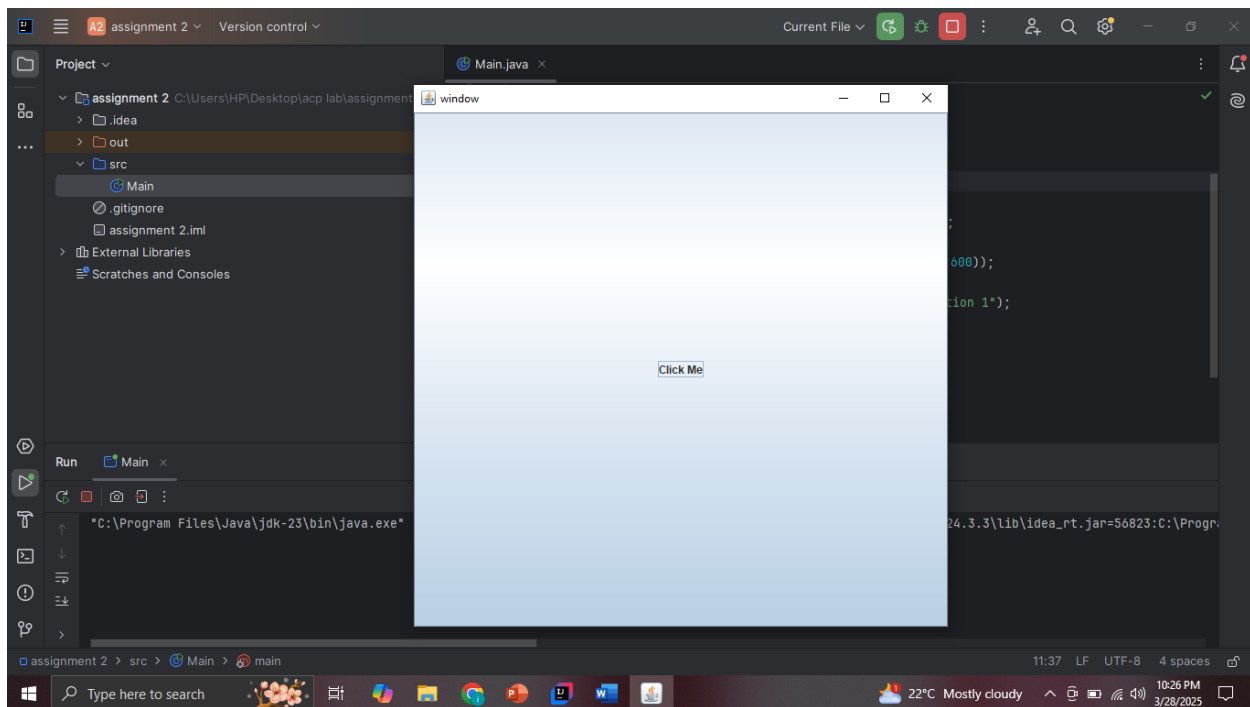
Task 1

Code :

```
import javax.swing.JFrame;
import javax.swing.JButton;
import javax.swing.JRadioButton;
import javax.swing.JPanel;
import java.awt.*;

public class Main {
    public static void main(String[] args) {
        JFrame frame = new JFrame("window");
        JPanel panel = new JPanel();
        frame.setLocation(500, 100);
        frame.setSize(600, 600);
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        frame.getContentPane().setBackground(Color.green);
        frame.setMinimumSize(new Dimension(600, 600));
        JButton button = new JButton("Click Me");
        JRadioButton radioButton = new JRadioButton("Option 1");
        frame.add(button);
        //panel.add(button);
        panel.add(radioButton);
        frame.setVisible(true);
    }
}
```

output :



Task 2 :

Code :

```
import javax.swing.JFrame;
import javax.swing.JButton;
import javax.swing.JLabel;
import javax.swing.JPanel;
import java.awt.*;

public class Main {
    public static void main(String[] args) {
        JFrame frame = new JFrame("window");
        JPanel panel = new JPanel();
        JLabel label = new JLabel("this is task 2");
        frame.setLocation(500, 100);
        frame.setSize(600, 600);
        frame.getContentPane().setBackground(Color.blue);
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        panel.add(label);

        for (int i = 1; i <= 6; i++) {
            JButton button = new JButton("Button " + i);
            panel.add(button);
        }
    }
}
```

```
    frame.add(panel);  
  
    frame.setVisible(true);  
}  
}
```

output :

