

Java Short Project

Project - 3

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Code

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

class MyFrame extends JFrame {

    int Score = 0;

    public MyFrame() {
        setTitle("Google Form Project");
        setBounds(300, 90, 1130, 500);
        setDefaultCloseOperation(EXIT_ON_CLOSE);
        setResizable(false);

        JPanel cPanel = new JPanel();

        CardLayout crd;
        crd = new CardLayout(35, 150);
        cPanel.setLayout(crd);

        JPanel jPanel1 = new JPanel();
        JPanel jPanel2 = new JPanel();
        JPanel jPanel3 = new JPanel();
        JPanel jPanel4 = new JPanel();

        JLabel name = new JLabel("Name");
        name.setFont(new Font("Arial", Font.PLAIN, 20));
        jPanel1.add(name);

        JTextField tname = new JTextField("");
        tname.setFont(new Font("Arial", Font.PLAIN, 15));

        tname.setColumns(10);
        jPanel1.add(tname);

        JLabel enroll = new JLabel("Enrollment No");
        enroll.setFont(new Font("Arial", Font.PLAIN, 20));
```

```
enroll.setBounds(300, 20, 100, 100);
jPanel1.add(enroll);

JTextField tenroll = new JTextField();
tenroll.setFont(new Font("Arial", Font.PLAIN, 15));

tenroll.setColumns(10);
jPanel1.add(tenroll);

JButton nextbutton = new JButton("Next");
jPanel1.add(nextbutton);

cPanel.setAlignmentX(Component.LEFT_ALIGNMENT);

JLabel Q1 = new JLabel("Q1. Which city is the capital city of
India ?");
Q1.setFont(new Font("Arial", Font.PLAIN, 20));

jPanel2.add(Q1);

JRadioButton Delhi = new JRadioButton("Delhi");
Delhi.setFont(new Font("Arial", Font.PLAIN, 15));
Delhi.setSelected(false);

jPanel2.add(Delhi);

JRadioButton Mumbai = new JRadioButton("Mumbai");
Mumbai.setFont(new Font("Arial", Font.PLAIN, 15));
Mumbai.setSelected(false);

jPanel2.add(Mumbai);

JRadioButton Kolkata = new JRadioButton("Kolkata");
Kolkata.setFont(new Font("Arial", Font.PLAIN, 15));
Kolkata.setSelected(false);

jPanel2.add(Kolkata);

JRadioButton Chandigarh = new JRadioButton("Chandigarh");
Chandigarh.setFont(new Font("Arial", Font.PLAIN, 15));
```

```
Chandigarh.setSelected(false);
```

```
jPanel2.add(Chandigarh);
```

```
ButtonGroup gengp = new ButtonGroup();
```

```
gengp.add(Delhi);
```

```
gengp.add(Mumbai);
```

```
gengp.add(Kolkata);
```

```
gengp.add(Chandigarh);
```

```
JLabel Q2 = new JLabel("Q2. Who is the current President of  
India ?");
```

```
Q2.setFont(new Font("Arial", Font.PLAIN, 20));
```

```
jPanel2.add(Q2);
```

```
JRadioButton RamNathKovind = new JRadioButton("Mr. Ram Nath  
Kovind");
```

```
RamNathKovind.setFont(new Font("Arial", Font.PLAIN, 15));
```

```
RamNathKovind.setSelected(false);
```

```
jPanel2.add(RamNathKovind);
```

```
JRadioButton Kalam = new JRadioButton("Dr. APJ Abdul Kalam");
```

```
Kalam.setFont(new Font("Arial", Font.PLAIN, 15));
```

```
Kalam.setSelected(false);
```

```
jPanel2.add(Kalam);
```

```
JRadioButton Ppatil = new JRadioButton("Mrs Pratibha Patil");
```

```
Ppatil.setFont(new Font("Arial", Font.PLAIN, 15));
```

```
Ppatil.setSelected(false);
```

```
jPanel2.add(Ppatil);
```

```
JRadioButton Namo = new JRadioButton("Mr Narendra Modi");
```

```
Namo.setFont(new Font("Arial", Font.PLAIN, 15));
```

```
Namo.setSelected(false);
```

```
jPanel2.add(Namo);
```

```
ButtonGroup geng = new ButtonGroup();
geng.add(RamNathKovind);
geng.add(Kalam);
geng.add(Ppatil);
geng.add(Namo);
```

```
JButton Previous = new JButton("Previous");
jPanel2.add(Previous);
```

```
JButton nextbutton1 = new JButton("Next");
jPanel2.add(nextbutton1);
```

```
JLabel Q3 = new JLabel("Q3. When did India become a  
Republic ?");
Q3.setFont(new Font("Arial", Font.PLAIN, 20));
```

```
jPanel3.add(Q3);
```

```
JRadioButton year47 = new JRadioButton("1947");
year47.setFont(new Font("Arial", Font.PLAIN, 15));
year47.setSelected(false);
```

```
jPanel3.add(year47);
```

```
JRadioButton year50 = new JRadioButton("1950");
year50.setFont(new Font("Arial", Font.PLAIN, 15));
year50.setSelected(false);
```

```
jPanel3.add(year50);
```

```
JRadioButton year35 = new JRadioButton("1935");
year35.setFont(new Font("Arial", Font.PLAIN, 15));
year35.setSelected(false);
```

```
jPanel3.add(year35);
```

```
JRadioButton year49 = new JRadioButton("1949");
year49.setFont(new Font("Arial", Font.PLAIN, 15));
year49.setSelected(false);
```

```
jPanel3.add(year49);

ButtonGroup gen = new ButtonGroup();
gen.add(year35);
gen.add(year49);
gen.add(year47);
gen.add(year50);

JButton Previous1 = new JButton("Previous");
jPanel3.add(Previous1);

JButton SUBMIT = new JButton("Submit");
jPanel3.add(SUBMIT);

JTextField result = new JTextField();
result.setFont(new Font("Arial", Font.PLAIN, 15));

result.setColumns(40);
result.setEditable(false);
jPanel4.add(result);

cPanel.add(jPanel1, "1");

cPanel.add(jPanel2, "2");

cPanel.add(jPanel3, "3");
cPanel.add(jPanel4, "4");

nextbutton.addActionListener(
    new ActionListener() {
        public void actionPerformed(ActionEvent ae) {
            crd.show(cPanel, "2");
        }
    }
);
nextbutton1.addActionListener(
    new ActionListener() {
        public void actionPerformed(ActionEvent ae) {
            crd.show(cPanel, "3");
        }
    }
);
```

```

    }
}
);
Previous.addActionListener(
    new ActionListener() {
        public void actionPerformed(ActionEvent ae) {
            crd.show(cPanel, "1");
        }
    }
);
Previous1.addActionListener(
    new ActionListener() {
        public void actionPerformed(ActionEvent ae) {
            crd.show(cPanel, "2");
        }
    }
);
SUBMIT.addActionListener(
    new ActionListener() {
        public void actionPerformed(ActionEvent ae) {
            String namedata = tname.getText();
            String Enrolldata = tenroll.getText();

            if (year50.isSelected() == true) Score++;
            if (RamNathKovind.isSelected() == true) Score++;
            if (Delhi.isSelected() == true) Score++;
            String Final =
                "The marks of " +
                namedata +
                " with " +
                Enrolldata +
                " are " +
                Score +
                " out of 3";
            result.setText(Final);
            crd.show(cPanel, "4");
        }
    }
);
getContentPane().add(cPanel);

```

```
}  
}
```

```
public class Proj {
```

```
    public static void main(String[] args) throws Exception {
```

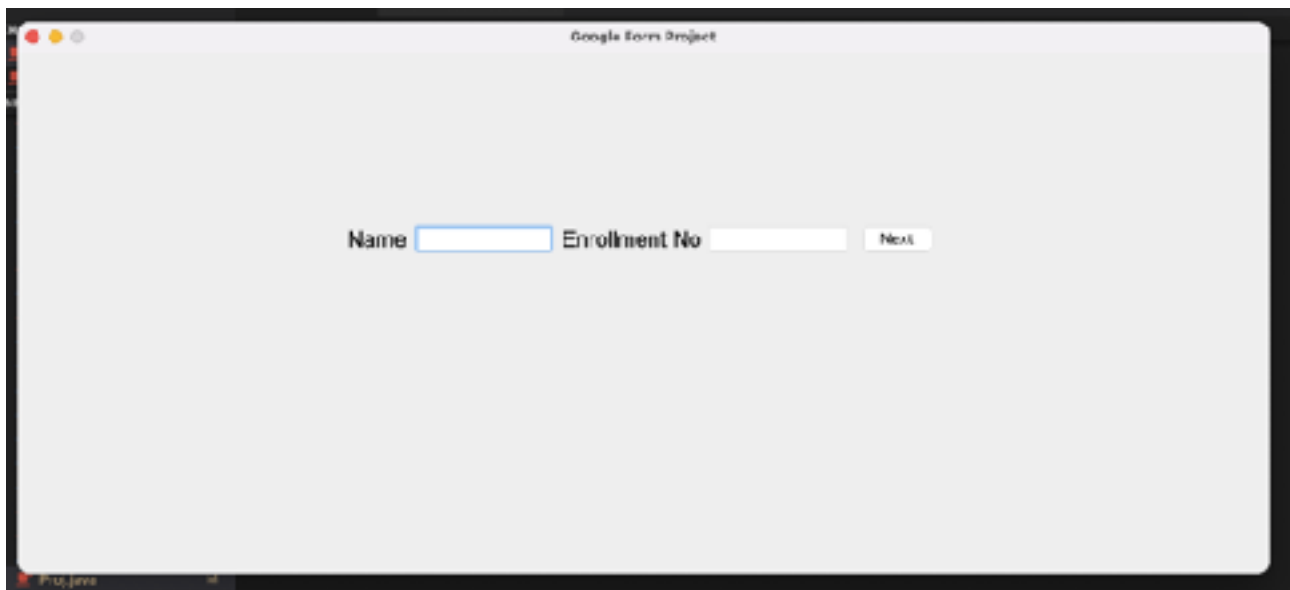
```
        MyFrame f = new MyFrame();
```

```
        f.setVisible(true);
```

```
    }
```

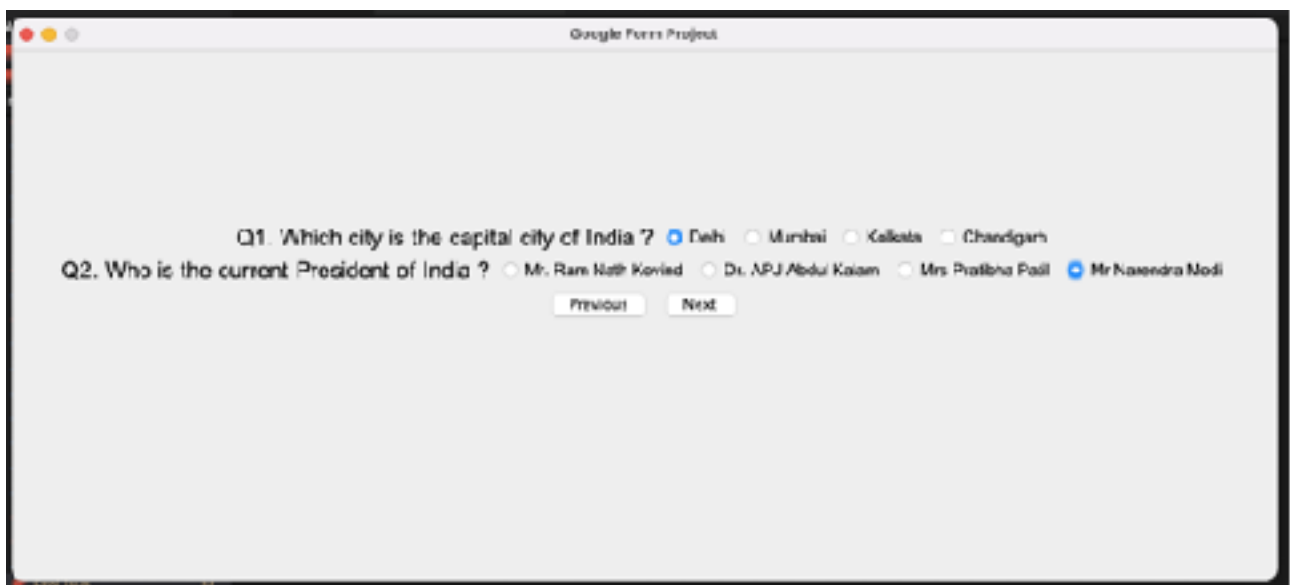
```
}
```


Outputs



Google Forms Project

Name Enrollment No



Google Forms Project

Q1. Which city is the capital city of India ? ☒ Delhi ☐ Mumbai ☐ Kolkata ☐ Chandigarh

Q2. Who is the current President of India ? ☐ Mr. Ram Nath Kovind ☐ Dr. APJ Abdul Kalam ☐ Mrs. Pratibha Patil ☒ Mr. Narendra Modi

Google Form Project

Q3. When did India become a Republic ? ☐ 1947 ☐ 1950 ☐ 1955 ☐ 1949

Google Form Project

The marks of Hamid Batra with 02220802719 are 2 out of 3

42 | `TestField.setText("The marks of Hamid Batra with 02220802719 are 2 out of 3")`

