

PRACTICAL 1

Aim: Write a program to create registration form for the student using AWT.

Code:

```
import java.awt.*;
import java.awt.event.WindowAdapter;
import java.awt.event.WindowEvent;

public class formmm extends Frame{

formmm(){
    setVisible(true);
    setSize(600,600);
    setLayout(null);
    setBackground(new Color(255, 255, 255));

    addWindowListener(new WindowAdapter() {
        @Override
        public void windowClosing(WindowEvent e) {
            dispose();
        }
    });

    Label l0 = new Label("Nidhi_RegistrationPage");
    l0.setBounds(200,45,280,50);
    l0.setFont(new Font("arial",Font.PLAIN,25));
    l0.setVisible(true);
    l0.setBackground(Color.white);

    Label l = new Label("Name      :");
    l.setBounds(20,105,110,20);
    l.setFont(new Font("arial",Font.PLAIN,20));
    l.setVisible(true);
    l.setBackground(Color.white);

    Label l2 = new Label("Enrollment No :");
    l2.setBounds(20,140,110,20);
    l2.setFont(new Font("arial",Font.PLAIN,20));
    l2.setVisible(true);
    l2.setBackground(Color.white);

    Label l3 = new Label("Sem      : ");
    l3.setBounds(20,175,110,20);
```

```
l3.setFont(new Font("arial",Font.PLAIN,20));  
l3.setVisible(true);  
l3.setBackground(Color.white);
```

```
Label l4 = new Label("Gender    :");  
l4.setBounds(20,210,110,20);  
l4.setFont(new Font("arial",Font.PLAIN,20));  
l4.setVisible(true);  
l4.setBackground(Color.white);
```

```
CheckboxGroup cbg = new CheckboxGroup();  
Checkbox ch1 = new Checkbox("Male", cbg, true);  
ch1.setBounds(140, 220, 50, 20);  
ch1.setVisible(true);  
Checkbox ch2 = new Checkbox("Female", cbg, true);  
ch2.setBounds(200, 220, 70, 20);  
ch2.setVisible(true);
```

```
Label l5 = new Label("Subject    :");  
l5.setBounds(20,245,110,20);  
l5.setFont(new Font("arial",Font.PLAIN,20));  
l5.setVisible(true);  
l5.setBackground(Color.white);
```

```
Label l6 = new Label("Suggestion :");  
l6.setBounds(20,280,110,20);  
l6.setFont(new Font("arial",Font.PLAIN,20));  
l6.setVisible(true);  
l6.setBackground(Color.white);
```

```
TextField tf = new TextField();  
tf.setBounds(140,105,200,20);  
tf.setFont(new Font("arial",Font.PLAIN,15));  
tf.setVisible(true);  
tf.setBackground(Color.white);
```

```
TextField tf1 = new TextField();  
tf1.setBounds(140,140,200,20);  
tf1.setFont(new Font("arial",Font.PLAIN,15));  
tf1.setVisible(true);  
tf1.setBackground(Color.white);
```

```
Choice ch = new Choice();  
ch.setBounds(140,175,200,20);  
ch.setFont(new Font("arial",Font.PLAIN,15));  
ch.setVisible(true);  
ch.setBackground(Color.white);  
ch.add("3");
```

```
ch.add("5");  
ch.add("7");
```

```
Checkbox chk = new Checkbox("Java");  
chk.setBounds(140,245,50,20);  
chk.setFont(new Font("arial",Font.PLAIN,15));  
chk.setVisible(true);  
chk.setBackground(Color.white);
```

```
Checkbox chk1 = new Checkbox("Web");  
chk1.setBounds(200,245,50,20);  
chk1.setFont(new Font("arial",Font.PLAIN,15));  
chk1.setVisible(true);  
chk1.setBackground(Color.white);
```

```
Checkbox chk2 = new Checkbox("DADV");  
chk2.setBounds(260,245,70,20);  
chk2.setFont(new Font("arial",Font.PLAIN,15));  
chk2.setVisible(true);  
chk2.setBackground(Color.white);
```

```
Checkbox chk3 = new Checkbox("DAA");  
chk3.setBounds(340,245,50,20);  
chk3.setFont(new Font("arial",Font.PLAIN,15));  
chk3.setVisible(true);  
chk3.setBackground(Color.white);
```

```
TextArea ta = new TextArea();  
ta.setBounds(140,277,300,80);  
ta.setFont(new Font("arial",Font.PLAIN,15));  
ta.setVisible(true);  
ta.setBackground(Color.white);
```

```
Button bn = new Button("Submit");  
bn.setBounds(140,380,110,25);  
bn.setFont(new Font("arial",Font.PLAIN,20));  
bn.setVisible(true);  
bn.setBackground(Color.green);
```

```
Button bn1 = new Button("Cancel");  
bn1.setBounds(260,380,110,25);  
bn1.setFont(new Font("arial",Font.PLAIN,20));  
bn1.setVisible(true);  
bn1.setBackground(Color.red);
```

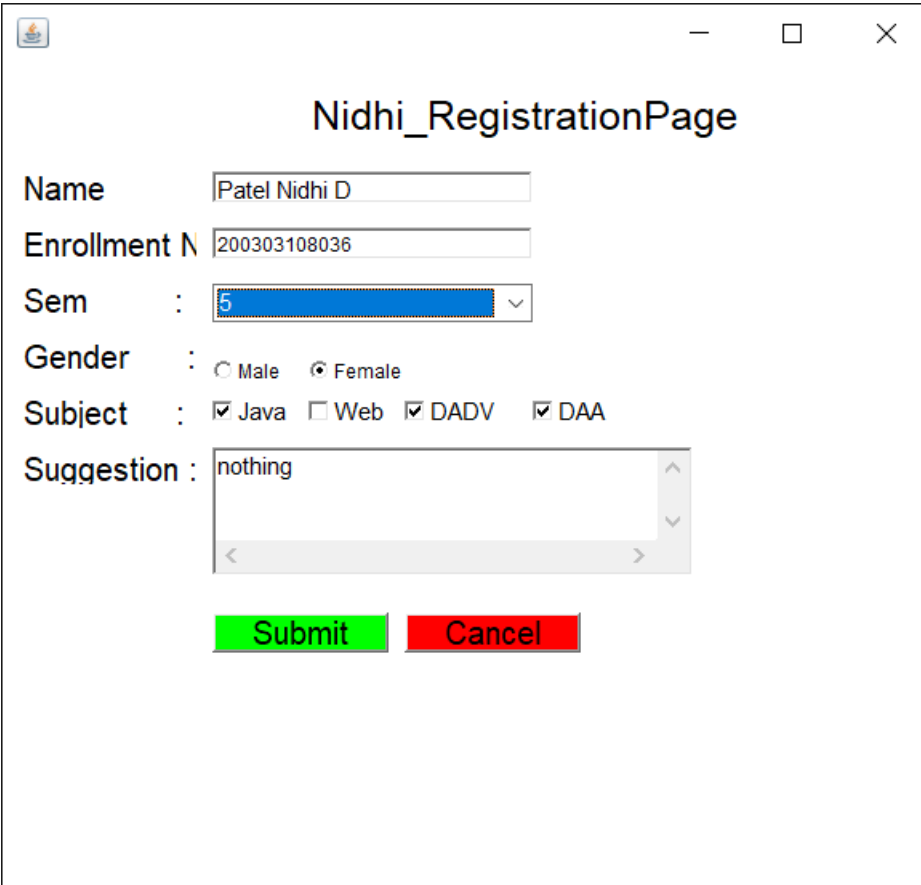
```
add(1);  
add(12);  
add(13);
```

```
add(l4);
add(l5);
add(l6);
add(l0);
add(tf);
add(tf1);
add(ch);
add(ch1);
add(ch2);
add(chk);
add(chk1);
add(chk2);
add(chk3);
add(ta);
add(bn);
add(bn1);

}
public static void main(String[] args){
formmm fm = new formmm();
}

}
```

Output



Nidhi_RegistrationPage

Name :

Enrollment Number :

Sem :

Gender : ☐ Male ☒ Female

Subject : ☒ Java ☐ Web ☒ DADV ☒ DAA

Suggestion :

PRACTICAL 2

Aim: Write a program to create registration form for the student using swing.

Code:

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

public class MyswingForm extends JFrame{

MyswingForm(){
    setVisible(true);
    setSize(600,600);
    setLayout(null);

JLabel l1 = new JLabel("Nidhi's Registration form");
    l1.setBounds(300,45,300,45);
    l1.setVisible(true);

JLabel l2 = new JLabel("Name  :");
    l2.setBounds(20,105,110,20);
    l2.setVisible(true);

JLabel l3 = new JLabel("Enroll No  :");
    l3.setBounds(20,140,110,20);
    l3.setVisible(true);

JLabel l4 = new JLabel("Sem  :");
    l4.setBounds(20,175,110,20);
    l4.setVisible(true);

JLabel l5 = new JLabel("Gender  :");
    l5.setBounds(20,210,110,20);
    l5.setVisible(true);

JLabel l6 = new JLabel("Subject  :");
    l6.setBounds(20,245,110,20);
    200303108036
    Patel Nidhi Dipakkumar
```

```
l6.setVisible(true);
```

```
JLabel l7 = new JLabel("Suggestion    : ");  
l7.setBounds(20,280,110,20);  
l7.setVisible(true);
```

```
JTextField tf = new JTextField();  
tf.setBounds(140,105,200,20);  
tf.setVisible(true);
```

```
JTextField jtf = new JTextField();  
jtf.setBounds(140,140,200,20);  
jtf.setVisible(true);
```

```
Choice cb = new Choice();  
cb.setBounds(140,175,200,20);  
cb.setVisible(true);  
cb.add("3");  
cb.add("5");  
cb.add("7");
```

```
ButtonGroup bg= new ButtonGroup();  
JRadioButton r1 = new JRadioButton("Male ");  
r1.setBounds(140,210,70,20);  
r1.setVisible(true);  
bg.add(r1);
```

```
JRadioButton r2 = new JRadioButton("Female ");  
r2.setBounds(200,210,70,20);  
r2.setVisible(true);  
bg.add(r2);
```

```
JCheckBox cb1 = new JCheckBox("Java ");  
cb1.setBounds(140,245,70,20);  
cb1.setVisible(true);
```

```
JCheckBox cb2 = new JCheckBox("DADV");  
cb2.setBounds(200,245,50,20);  
cb2.setVisible(true);
```

```
JCheckBox cb3 = new JCheckBox("DAA");  
cb3.setBounds(260,245,70,20);  
cb3.setVisible(true);
```

```
JCheckBox cb4 = new JCheckBox("Web");  
cb4.setBounds(340,245,50,20);  
cb4.setVisible(true);
```

```
JTextArea ta = new JTextArea();  
ta.setBounds(140,277,300,80);  
ta.setVisible(true);
```

```
JButton b = new JButton("Submit");  
b.setBounds(140,380,110,25);  
b.setVisible(true);
```

```
JButton b1 = new JButton("Cancel");  
b1.setBounds(260,380,110,25);  
b1.setVisible(true);
```

```
add(b1);  
add(l1);  
add(l2);  
add(l3);  
add(l4);  
add(l5);  
add(l6);  
add(l7);  
add(tf);  
add(jtf);  
add(cb);  
add(r1);  
add(r2);  
add(cb1);  
add(cb2);  
add(cb3);  
add(cb4);  
add(ta);  
add(b);
```

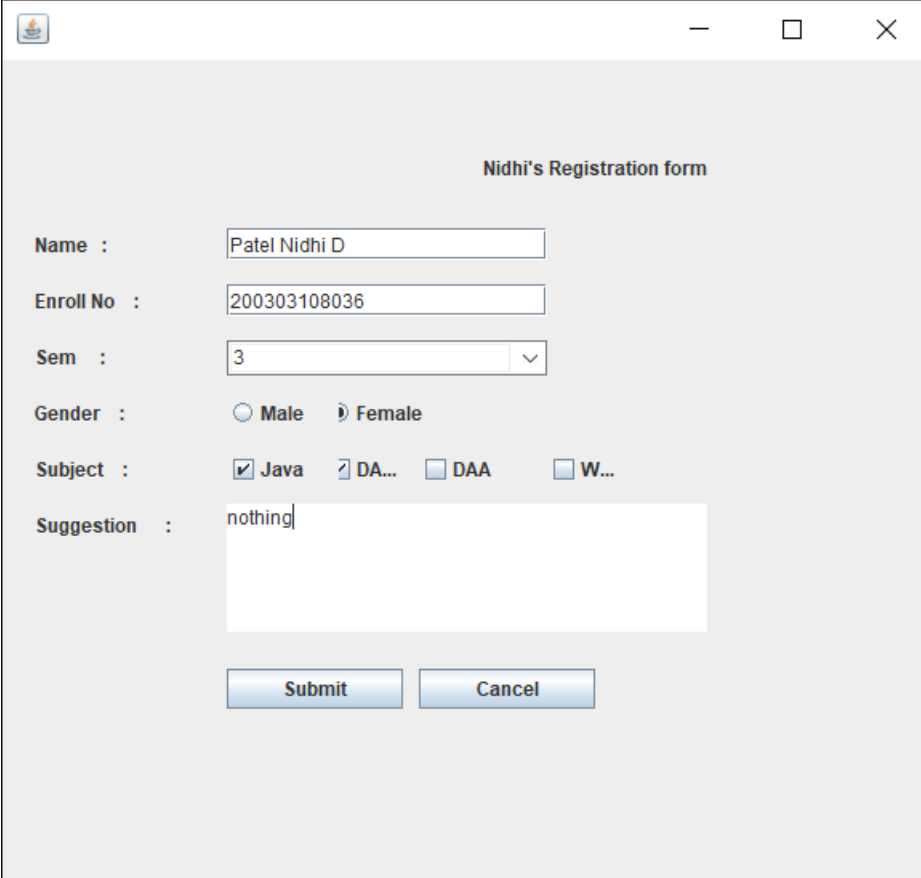
200303108036

Patel Nidhi Dipakkumar


```
}
```

```
public static void main(String[] args) {  
    MyswingForm ma = new MyswingForm();  
}  
}
```

OUTPUT



Nidhi's Registration form

Name : Patel Nidhi D

Enroll No : 200303108036

Sem : 3

Gender : ☐ Male ☒ Female

Subject : ☒ Java ☒ DA... ☐ DAA ☐ W...

Suggestion : nothing

Submit Cancel