PRACTICAL-1

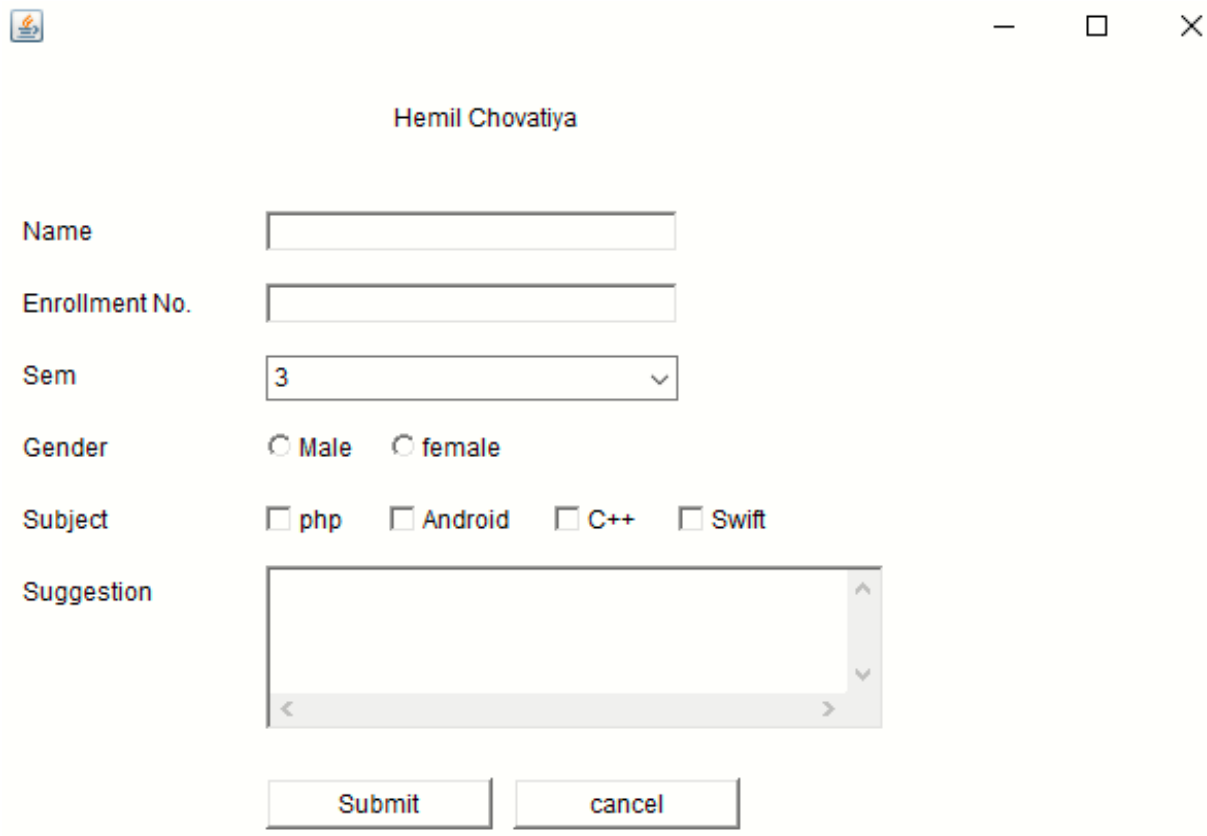
Aim:- Write a program to create registration form for the student using AWT.

Code:

```
import java.awt.*;
class MyForm extends Frame
{ MyForm()
  {   Frame fm=new Frame();
      setSize(800,800);
      setVisible(true);
      setLayout(null);
      Label n=new Label("Hemil Chovatiya");
      n.setBounds(200,45,200,30);
      Label n1=new Label("Name");
      n1.setBounds(20,105,110,20);
      TextField na=new TextField(20);
      na.setBounds(140,105,200,20);
       Label n2=new Label("Enrollment No.");
      n2.setBounds(20,140,110,20);
      TextField naa=new TextField(20);
      naa.setBounds(140,140,200,20);
      Label g=new Label("Sem");
      g.setBounds(20,175,110,20);
      Choice c=new Choice();
      c.setBounds(140,175,200,20);
      c.add("3");
      c.add("5");
      c.add("7");
      Label n3=new Label("Gender");
      n3.setBounds(20,210,110,20);
      CheckboxGroup cbg =new CheckboxGroup();
      Checkbox r1=new Checkbox("Male",cbg,false);
      r1.setBounds(140,210,50,20);
      Checkbox r2=new Checkbox("female",cbg,false);
      r2.setBounds(200,210,70,20);
      Label n4=new Label("Subject");
      n4.setBounds(20,245,110,20);
      Checkbox c1=new Checkbox("php");
      c1.setBounds(140,245,50,20);
      Checkbox c2=new Checkbox("Android");
      c2.setBounds(200,245,70,20);
```

```
    Checkbox c3=new Checkbox("C++");
    c3.setBounds(280,245,50,20);
    Checkbox c4=new Checkbox("Swift");
    c4.setBounds(340,245,50,20);
    Label n5=new Label("Suggestion ");
    n5.setBounds(20,280,110,20);
    TextArea na1=new TextArea();
    na1.setBounds(140,277,300,80);
    Button b1=new Button("Submit");
    b1.setBounds(140,380,110,25);
    Button b2=new Button("cancel");
    b2.setBounds(260,380,110,25);
    add(b1);
    add(b2);
    add(n5);
    add(na1);
    add(r1);
    add(r2);
    add(g);
    add(n);
    add(naa);
    add(na);
    add(n1);
    add(n2);
    add(n3);
    add(n4);
    add(c);
    add(c1);
    add(c2);
    add(c3);
    add(c4);        }
 public static void main(String args[])
    {       MyForm mf=new MyForm();       }
}
```

Output:


Hemil Chovatiya
Name
Enrollment No.
Sem
3
Gender
Male
female
Subject
php
Android
C++
Swift
Suggestion
Submit
cancel

PRACTICAL-2

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

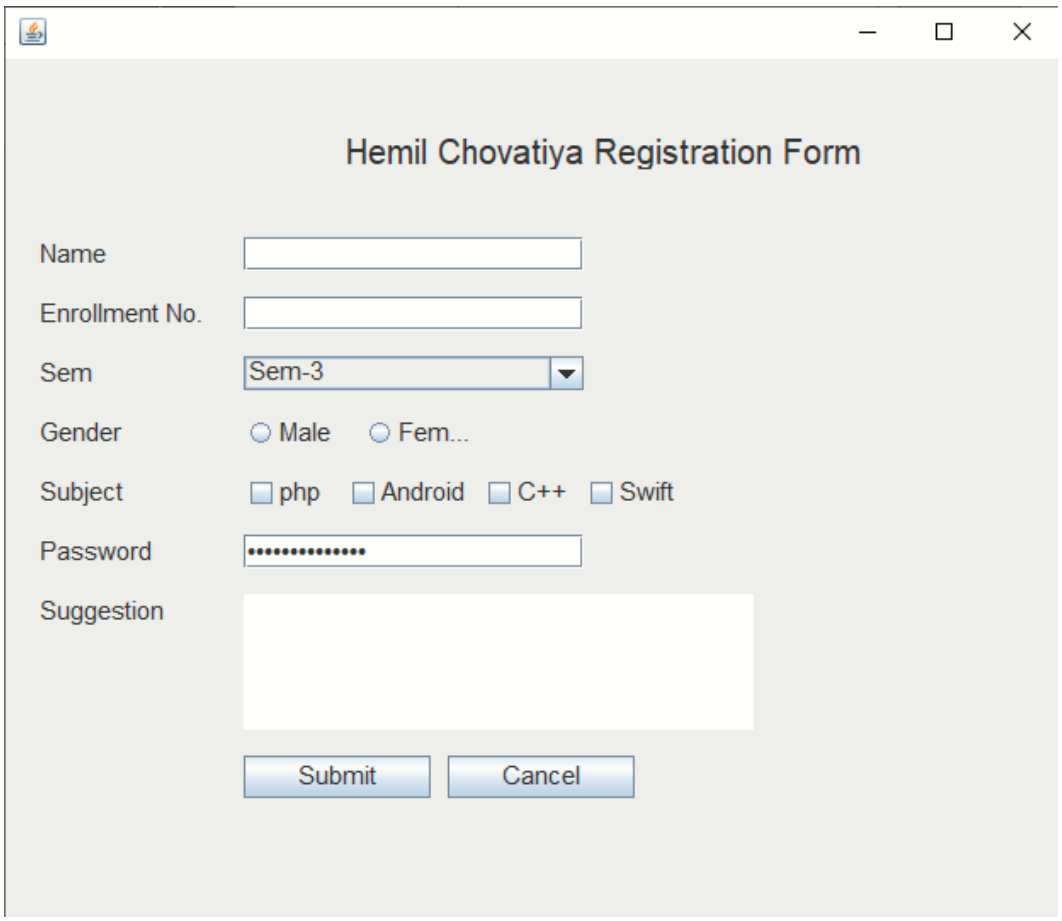
Code:

```
import java.awt.*;
import javax.swing.*;
public class Myform extends JFrame
{
   public  Myform()
  {
      setSize(800,800);
      setVisible(true);
      setLayout(null);
      JLabel n=new JLabel("Hemil Chovatiya Registration Form");
      n.setBounds(200,45,400,20);
      n.setFont(new Font("arial",Font.PLAIN,20));
      JLabel n1=new JLabel("Name");
      n1.setFont(new Font("arial",Font.PLAIN,15));
      n1.setBounds(20,105,110,20);
      JTextField na=new JTextField(20);
      na.setBounds(140,105,200,20);
      JLabel n2=new JLabel("Enrollment No.");
      n2.setFont(new Font("arial",Font.PLAIN,15));
      n2.setBounds(20,140,110,20);
      JTextField naa=new JTextField(20);
      naa.setBounds(140,140,200,20);
      JLabel g=new JLabel("Sem");
      g.setFont(new Font("arial",Font.PLAIN,15));
      g.setBounds(20,175,110,20);
      JComboBox c=new JComboBox<>();
 c.setModel(new DefaultComboBoxModel<>(new String[] { "Sem-3", "Sem-5", "Sem-7" }));
      c.setFont(new Font("arial",Font.PLAIN,15));
      c.setBounds(140,175,200,20);
      JLabel n3=new JLabel("Gender");
      n3.setFont(new Font("arial",Font.PLAIN,15));
      n3.setBounds(20,210,110,20);
      JRadioButton r1=new JRadioButton("Male",false);
```

```
r1.setFont(new Font("arial",Font.PLAIN,15));
ButtonGroup cbg=new ButtonGroup();
r1.setBounds(140,210,70,20);
   JRadioButton r2=new JRadioButton("Female",false);
   r2.setFont(new Font("arial",Font.PLAIN,15));
   r2.setBounds(210,210,70,20);
   cbg.add(r1);
   cbg.add(r2);
JLabel n4=new JLabel("Subject");
n4.setFont(new Font("arial",Font.PLAIN,15));
n4.setBounds(20,245,110,20);
JRadioButton x=new JRadioButton();
JCheckBox c1=new JCheckBox("php");
c1.setFont(new Font("arial",Font.PLAIN,15));
c1.setBounds(140,245,60,20);
 JCheckBox c2=new JCheckBox("Android");
c2.setFont(new Font("arial",Font.PLAIN,15));
c2.setBounds(200,245,83,20);
JCheckBox c3=new JCheckBox("C++");
c3.setFont(new Font("arial",Font.PLAIN,15));
c3.setBounds(280,245,60,20);
JCheckBox c4=new JCheckBox("Swift");
c4.setFont(new Font("arial",Font.PLAIN,15));
c4.setBounds(340,245,70,20);
JLabel n6=new JLabel("Password ");
n6.setFont(new Font("arial",Font.PLAIN,15));
n6.setBounds(20,280,110,20);
JPasswordField pf=new JPasswordField("Enter Password");
pf.setFont(new Font("arial",Font.PLAIN,15));
pf.setBounds(140,280,200,20);
JLabel n5=new JLabel("Suggestion ");
n5.setFont(new Font("arial",Font.PLAIN,15));
n5.setBounds(20,315,110,20);
JTextArea na1=new JTextArea();
na1.setBounds(140,315,300,80);
JButton b1=new JButton("Submit");
b1.setFont(new Font("arial",Font.PLAIN,15));
b1.setBounds(140,410,110,25);
JButton b2=new JButton("Cancel");
b2.setFont(new Font("arial",Font.PLAIN,15));
b2.setBounds(260,410,110,25);
add(pf);
add(n6);
```

```
    add(b1);
    add(b2);
    add(n5);
    add(na1);
    add(r1);
    add(r2);
    add(g);
    add(n);
    add(naa);
    add(na);
    add(n1);
    add(n2);
    add(n3);
    add(n4);
    add(c);
    add(c1);
    add(c2);
    add(c3);
    add(c4);        }
    public static void main(String args[])
   {        Myform mf=new Myform();        }
}
```

Output:


Hemil Chovatiya Registration Form
Name
Enrollment No.
Sem
Sem-3
Gender
Male
Fem...
Subject
php
Android
C++
Swift
Password
Suggestion
Submit
Cancel