**Online voting system project in Java:**

**import java.awt.\*;**

**import java.applet.\*;**

**import java.awt.event.\*;**

**public class Voting\_System extends Applet**

**{**

**public int count1;**

**public int count2;**

**public int count3;**

**public int count4;**

**public int count5;**

**public int count6;**

**public int count7;**

**public int count8;**

**public Button vote;**

**TextField anc;**

**TextField np;**

**TextField ifp;**

**TextField azapo;**

**TextField udm;**

**TextField dp;**

**TextField kiss;**

**TextField pac;**

**public void init()**

**{**

**count1 = 0;**

**count2 = 0;**

**count3 = 0;**

**count4 = 0;**

**count5 = 0;**

**count6 = 0;**

**count7 = 0;**

**count8 = 0;**

**this.setBackground(Color.yellow);**

**setLayout(new BorderLayout());**

**Panel p1 =new Panel();**

**p1.setBackground(Color.lightGray);**

**p1.setLayout(new GridLayout(8,2,3,2));**

**Checkbox ch1 =new Checkbox("National Party");**

**Checkbox ch2 =new Checkbox("African National Congress");**

**Checkbox ch3 =new Checkbox("Democratic Party");**

**Checkbox ch4 =new Checkbox("Inkatha Freedom Party");**

**Checkbox ch5 =new Checkbox("United Democratic Movement");**

**Checkbox ch6 =new Checkbox("Pan africanist Congress");**

**Checkbox ch7 =new Checkbox("Azanian People Organization");**

**Checkbox ch8=new Checkbox("Freedom Front");**

**anc = new TextField("Anc:" + String.valueOf(count1));**

**anc.setEditable(false);**

**np = new TextField("Np:" + String.valueOf(count2));**

**np.setEditable(false);**

**dp = new TextField("Dp" + String.valueOf(count3));**

**dp.setEditable(false);**

**ifp = new TextField("Ifp:" + String.valueOf(count4));**

**ifp.setEditable(false);**

**pac = new TextField("Pac:" + String.valueOf(count5));**

**pac.setEditable(false);**

**azapo = new TextField("Azapo:" + String.valueOf(count6));**

**azapo.setEditable(false);**

**kiss = new TextField("FF:" + String.valueOf(count7));**

**kiss.setEditable(false);**

**udm = new TextField("Udm:" + String.valueOf(count8));**

**udm.setEditable(false);**

**handlenp npp = new handlenp();**

**p1.add(ch1);**

**ch1.addItemListener(npp);**

**p1.add(np);**

**handleanc ancc = new handleanc();**

**p1.add(ch2);**

**ch2.addItemListener(ancc);**

**p1.add(anc);**

**handledp dpp = new handledp();**

**p1.add(ch3);**

**ch3.addItemListener(dpp);**

**p1.add(dp);**

**handleifp ifpp = new handleifp();**

**p1.add(ch4);**

**ch4.addItemListener(ifpp);**

**p1.add(ifp);**

**handleudm udmm = new handleudm();**

**p1.add(ch5);**

**ch5.addItemListener(udmm);**

**p1.add(udm);**

**handlepac pacc = new handlepac();**

**p1.add(ch6);**

**ch6.addItemListener(pacc);**

**p1.add(pac);**

**handleazapo azapoo = new handleazapo();**

**p1.add(ch7);**

**ch7.addItemListener(azapoo);**

**p1.add(azapo);**

**handlekiss kisses = new handlekiss();**

**p1.add(ch8);**

**ch8.addItemListener(kisses);**

**p1.add(kiss);**

**add("North",p1);**

**Label l =new Label("Click choose the Party");**

**Font f = new Font("Helvetica",Font.BOLD,32);**

**l.setFont(f);**

**add("Center",l);**

**SingleAction sa = new SingleAction();**

**vote =new Button("Count number of votes");**

**vote.addActionListener(sa);**

**add("South",vote);**

**}**

**class handleanc implements ItemListener**

**{**

**public void itemStateChanged(ItemEvent ie)**

**{**

**if(ie.getStateChange()==ItemEvent.SELECTED)**

**count1++;**

**}**

**}**

**class handlenp implements ItemListener**

**{**

**public void itemStateChanged(ItemEvent ie)**

**{**

**if(ie.getStateChange()==ItemEvent.SELECTED)**

**++count2;**

**}**

**}**

**class handlepac implements ItemListener**

**{**

**public void itemStateChanged(ItemEvent ie)**

**{**

**if(ie.getStateChange()==ItemEvent.SELECTED)**

**++count3;**

**}**

**}**

**class handledp implements ItemListener**

**{**

**public void itemStateChanged(ItemEvent ie)**

**{**

**if(ie.getStateChange()==ItemEvent.SELECTED)**

**++count4;**

**}**

**}**

**class handleudm implements ItemListener**

**{**

**public void itemStateChanged(ItemEvent ie)**

**{**

**if(ie.getStateChange()==ItemEvent.SELECTED)**

**++count5;**

**}**

**}**

**class handlekiss implements ItemListener**

**{**

**public void itemStateChanged(ItemEvent ie)**

**{**

**if(ie.getStateChange()==ItemEvent.SELECTED)**

**++count6;**

**}**

**}**

**class handleifp implements ItemListener**

**{**

**public void itemStateChanged(ItemEvent ie)**

**{**

**if(ie.getStateChange()==ItemEvent.SELECTED)**

**++count7;**

**}**

**}**

**class handleazapo implements ItemListener**

**{**

**public void itemStateChanged(ItemEvent ie)**

**{**

**if(ie.getStateChange()==ItemEvent.SELECTED)**

**++count8;**

**}**

**}**

**class SingleAction implements ActionListener**

**{**

**public void actionPerformed(ActionEvent e)**

**{**

**anc.setText("Anc :" + String.valueOf(count1));**

**np.setText("Np :" + String.valueOf(count2));**

**pac.setText("Pac :" + String.valueOf(count3));**

**dp.setText("Dp :" + String.valueOf(count4));**

**udm.setText("Udm :" + String.valueOf(count5));**

**kiss.setText("FF :" + String.valueOf(count6));**

**ifp.setText("Ifp :" + String.valueOf(count7));**

**azapo.setText("Azapo :" + String.valueOf(count8));**

**}**

**}**

**}**

***SERIALIZATION***

import java.io.\*;

class Persist

{

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

Employee e1=new Employee(111, "Anjan");

FileOutputStream fos=new FileOutputStream("f.txt");

ObjectOutputStream oos=new ObjectOutputStream(fos);

oos.writeObject(e1);

oos.flush();

System.out.println("success");

}

}

# Code to Connect Database using JDBC API

import java.sql.\*;

class Test

{

public static void main(String args[]) throws SQLException

{

try{

Class.forName("sun.Jdbc.OdbcDriver");

} catch(ClassNotException e) {};

Connection conn;

Statement stmt;

ResultSet rs;

String op="jdbc:odbc:JavaTest";

conn=DriverManager.getConnection(op, "Admin", "");

stmt=conn.createStatement();

String sql;

sql="SELECT \*FROM SupplierMaster"+"WHERE SupplierCode IN("+"SELECT SCode"+"FROM Relation"+"WHERE PCode IN("+"SELECT ProductCode"+"FROM ProductMaster"+"WHERE ProductCatg IN("+"SELECT CatgID"+"FROM CategoryMaster"+"WHERE CategoryName='Eatables')))";

rs=stmt.executeQuery(sql);

System.out.println(" "+"Sup Code"+" "+"Sup Name"+" "+"Sup Address");

System.out.println("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

String name, add;

int code;

while(rs.next())

{

code=rs.getInt("SupplierCode");

name=rs.getString("SupplierName");

add=rs.getString("SupplierAddress");

System.out.println(" "+code+" "+name+" "+add);

}

}

}