

Electronic voting machine

Introduction

We start our project(i.e) Electronic voting machine which replicates the EVM which is used in India for years. But this can be done in online, so that in future this model of EVM can be implemented.

To start with the main class, which have created new instance of the class ElectionMC.

We have imported many classes and packages like swing, util etc.

User-defined exception "UserException" which returns an exception if voter ID is invalid. Class called demo is used to initialize treemaps and an integer variable timer. This class demo is extended by ElectionMC.

In ElectionMC class, we are constricting the GUI of the main page using swing.

Class Declare is where we display the party name and symbol for candidates to view. Class voter is having the details of the voter and class election is used by the user and it is also handling the exception.

Admin can select the desired candidates who are eligible to contest in the election from the instructions given in class adselect Class Admin is used by admin to supervise the election and count the votes.

We have used exceptional handling, collections, multi threading and swing in our project. Counting Data is fully abstracted from the user. All forms of object oriented programming is used.

Finally an replica of EVM is here.

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Source code:

```
import java.util.Comparator;

import java.awt.*;

import java.awt.event.*;

import javax.swing.*;

import java.util.*;

class UserException extends Exception

{

    String a;

    UserException(String x)

    {a=x;}

    public String toString()

    {

        return "Exception! given Voter ID "+a+" is all numeric wrong\n as per voterid

format";

    }

}

class Demo{public static  ArrayList<Integer> list=new ArrayList<Integer>();

public static TreeMap<Integer,String> vt=new TreeMap<Integer,String>(new

UserComp());public static int x1=0,x2=0,x3=0,x4=0,x5=0,x6=0,x7=0;

public static TreeMap<Integer,Integer> ls1=new

TreeMap<Integer,Integer>();public static int x=1;
```

```
public static int timer;}
```

```
class ElectionMC extends Demo
```

```
{ int x;
```

```
    ElectionMC()
```

```
{
```

```
    JFrame f=new JFrame("EVM");JLabel title = new JLabel("ELECTION  
COMMISSION");JLabel head=new JLabel("Electronic Voting Machine");JCheckBox  
c3=new JCheckBox("DECLARE RESULT");
```

```
    title.setFont(new Font("Algerian", Font.BOLD,  
30));title.setForeground(Color.WHITE);
```

```
    title.setBounds(300,20,380,35);title.setOpaque(false);
```

```
    ImageIcon imagelcon = new ImageIcon(new ImageIcon("C:\\Users\\A R  
Kannan\\Desktop\\Maths\\Evm.png").getImage().getScaledInstance(80, 80,  
Image.SCALE_DEFAULT));
```

```
    JLabel nearhead=new  
JLabel();nearhead.setIcon(imagelcon);nearhead.setBounds(210,80,100,55);
```

```
    head.setFont(new Font("Courier  
New",Font.ITALIC,30));head.setForeground(Color.BLUE);
```

```
    head.setBounds(280,80,460,55);
```

```
    //head.setIcon(new ImageIcon("C:\\Users\\A R  
Kannan\\Desktop\\Maths\\Evm.png"));
```

```
    head.setOpaque(true);head.setBackground(Color.WHITE);
```

```
    f.setLayout(null);
```

```
f.setContentPane(new JLabel(new ImageIcon("C:\\Users\\A R
Kannan\\Desktop\\Maths\\a.jpg")));

f.setSize(1000,1000);

JRadioButton c1,c2,k3;JButton b=new JButton("Continue");ButtonGroup
g=new ButtonGroup();

c1=new JRadioButton();JLabel l2=new JLabel("VOTER");

c2=new JRadioButton();JLabel l1=new JLabel("ADMIN");k3=new
JRadioButton("RESULTS");g.add(c1);g.add(c2);g.add(k3);

l1.setFont(new
Font("ALGERIAN",Font.BOLD,40));l1.setForeground(Color.GREEN);

l2.setFont(new
Font("ALGERIAN",Font.BOLD,40));l2.setForeground(Color.yellow);

k3.setFont(new
Font("ALGERIAN",Font.BOLD,40));k3.setForeground(Color.MAGENTA);

c1.setBounds(540,240,80,30);c2.setBounds(160,240,80,30);c1.setOpaque(false);c2
.setOpaque(false);k3.setOpaque(false);

b.setBounds(400,500,180,60);l1.setBounds(200,240,160,40);l2.setBounds(580,240
,160,40);k3.setBounds(380,320,220,30);

f.add(c1);f.add(c2);f.add(b);f.add(title);f.add(head);f.add(l1);f.add(l2);f.add(nearhe
ad);f.add(k3);

f.setVisible(true);b.setFont(new Font("Courier New",Font.ITALIC,30));

f.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
```

```
b.addActionListener(new ActionListener(){
public void actionPerformed(ActionEvent e)
{
    if(c1.isSelected())
    {
        if(timer>=1)
        {
            System.out.println(timer);
            new Election();
        }
        else{System.out.println(timer);new Election(timer);}
    }
    else if(c2.isSelected())
    {
        new Admin();go();
        System.out.println("int main func "+x);

    }
    else if(k3.isSelected())
    {
        go();
        if(x>=2){System.out.println(timer);new Declare();}
```

```

else{System.out.println(timer);new Declare(timer);}

}

});

}

void go(){ x=super.timer;

    System.out.println("here "+x);}

}

class UserComp extends Demo implements Comparator<Integer>

{

    public int compare(Integer a, Integer b)

    {

        return b-a;

    }

}

class Declare extends Demo

{

    ImageIcon i1 = new ImageIcon(new ImageIcon("C:\\Users\\A R
Kannan\\Desktop\\Maths\\1.png").getImage().getScaledInstance(75, 75,
Image.SCALE_SMOOTH));

    ImageIcon i2 = new ImageIcon(new ImageIcon("C:\\Users\\A R
Kannan\\Desktop\\Maths\\2.png").getImage().getScaledInstance(75, 75,
Image.SCALE_DEFAULT));

```

```
ImageIcon i3 = new ImageIcon(new ImageIcon("C:\\Users\\A R  
Kannan\\Desktop\\Maths\\3.png").getImage().getScaledInstance(75, 75,  
Image.SCALE_DEFAULT));
```

```
ImageIcon i4 = new ImageIcon(new ImageIcon("C:\\Users\\A R  
Kannan\\Desktop\\Maths\\4.png").getImage().getScaledInstance(75, 75,  
Image.SCALE_DEFAULT));
```

```
ImageIcon i5 = new ImageIcon(new ImageIcon("C:\\Users\\A R  
Kannan\\Desktop\\Maths\\5.png").getImage().getScaledInstance(75, 75,  
Image.SCALE_DEFAULT));
```

```
ImageIcon i6= new ImageIcon(new ImageIcon("C:\\Users\\A R  
Kannan\\Desktop\\Maths\\6.png").getImage().getScaledInstance(75, 75,  
Image.SCALE_DEFAULT));
```

```
ImageIcon i7 = new ImageIcon(new ImageIcon("C:\\Users\\A R  
Kannan\\Desktop\\Maths\\7.png").getImage().getScaledInstance(75, 75,  
Image.SCALE_DEFAULT));
```

```
JFrame r= new JFrame("Results");
```

```
JLabel l=new JLabel();JLabel m=new JLabel("Won This Election!");
```

```
Declare()
```

```
{
```

```
r.setSize(600,600);r.setLayout(null);r.setVisible(true);r.setDefaultCloseOperation(J  
Frame.DISPOSE_ON_CLOSE);
```

```
int x=vt.firstEntry().getKey();
```

```
String s=vt.firstEntry().getValue();
```

```
r.setContentPane(new JLabel(new ImageIcon("C:\\Users\\A R
Kannan\\Desktop\\Maths\\flag.png")));

switch(s)

{

    case "1":l=new JLabel("PSB-Public Soceital Broadway
Party");l.setIcon(i1);l.setOpaque(true);l.setFont(new Font("Courier
New",Font.ITALIC,30));l.setBounds(150,50,800,80);r.add(l);break;

    case "2":l=new JLabel("CCI-Contradiction Committee of
India");l.setIcon(i2);l.setOpaque(true);l.setFont(new Font("Courier
New",Font.ITALIC,30));l.setBounds(50,50,800,80);r.add(l);break;

    case "3":l=new JLabel("MKP-Masdoor Kisaan
Party");l.setIcon(i3);l.setOpaque(true);l.setFont(new Font("Courier
New",Font.ITALIC,30));l.setBounds(50,50,800,80);r.add(l);break;

    case "4":l=new JLabel("ATK-All India Thozhilaali
Kazhagam");l.setIcon(i4);l.setOpaque(true);l.setFont(new Font("Courier
New",Font.ITALIC,30));l.setBounds(50,50,800,80);r.add(l);break;

    case "5":l=new JLabel("SRF-Surya Raajas
Front");l.setIcon(i5);l.setOpaque(true);l.setFont(new Font("Courier
New",Font.ITALIC,30));l.setBounds(50,50,800,80);r.add(l);break;

    case "6":l=new JLabel("PVC-Public Voice
Committee");l.setIcon(i6);l.setOpaque(true);l.setFont(new Font("Courier
New",Font.ITALIC,30));l.setBounds(50,50,800,80);r.add(l);break;

    case "7":l=new JLabel("KTP-Karnataka Trinamol
Party");l.setIcon(i7);l.setOpaque(true);l.setFont(new Font("Courier
New",Font.ITALIC,30));l.setBounds(50,50,800,80);r.add(l);break;

}
```



```

        m.setBounds(80,400,500,60);m.setFont(new Font("Algerian", Font.BOLD,
40));m.setForeground(Color.BLACK);m.setOpaque(true);

r.add(m);r.setSize(1000,1000);r.setLayout(null);r.setVisible(true);r.setDefaultClose
Operation(JFrame.DISPOSE_ON_CLOSE);

    }

    Declare(int x)

    {

        r.setContentPane(new JLabel(new ImageIcon("C:\\Users\\A R
Kannan\\Desktop\\Maths\\flag.png")));

        JLabel k=new JLabel("VOTING PROCESS HASNT ");

        JLabel k1=new JLabel("STARTED YET PLEASE WAIT!");r.add(k1);

r.add(k);r.setSize(1000,1000);r.setLayout(null);r.setVisible(true);r.setDefaultCloseO
peration(JFrame.DISPOSE_ON_CLOSE);

        k.setBounds(80,400,600,60);k.setFont(new
Font("Serif",Font.BOLD,40));k.setOpaque(true);;

        k1.setBounds(80,460,600,60);k1.setFont(new
Font("Serif",Font.BOLD,40));k1.setOpaque(true);

    }

}

class Voters {

```

```
int VoterId;

String VoterName;

int age;

public Voters() { }

public Voters(int vid, int ag, String name) {

    this.age = ag;

    this.VoterId = vid;

    this.VoterName = name;

}

}

class Election extends Demo{

    JButton b2, b3;

    JLabel l1, l2, l3,l4;

    JTextField j1, j2, j3;

    JTextArea ta;Boolean y=false;

    ArrayList<Voters> list2 = new ArrayList<Voters>();

    public static void idchecker(String s) throws UserException

    {

        if(s.chars().allMatch(Character::isDigit))

        {

            throw new UserException(s);

        }

    }

}
```

```

    }

}

Election()

{

    JFrame f1 = new JFrame("Elections");

    f1.setContentPane(new JLabel(new ImageIcon("C:\\Users\\A R
Kannan\\Desktop\\Maths\\3.jpg")));

    b3 = new JButton(new ImageIcon("C:\\Users\\A R
Kannan\\Desktop\\Maths\\icon.png"));l1 = new JLabel("Voter-ID:");j1 = new
JTextField(8);

    l2 = new JLabel("Name:");j2 = new JTextField(8);l3 = new JLabel("Age:");j3 =
new JTextField(8);l4=new JLabel("Submit!");

    l1.setBounds(0,40,280,30);l1.setFont(new Font("Courier
New",Font.ITALIC,30));l1.setForeground(Color.red);

j1.setBounds(160,45,140,25);j2.setBounds(700,45,140,25);j3.setBounds(440,320,1
40,25);l4.setFont(new Font("Courier
New",Font.ITALIC,30));l4.setForeground(Color.blue);

    l2.setBounds(600,40,280,30);l2.setFont(new Font("Courier
New",Font.ITALIC,30));

    l3.setBounds(330,300,280,50);l3.setFont(new Font("Courier
New",Font.ITALIC,40));l3.setForeground(Color.red);

f1.setLayout(null);b3.setBounds(620,290,70,40);l4.setBounds(610,330,140,35);l4.s
etOpaque(true);

    f1.add(l1);f1.add(j1);f1.add(l2);f1.add(j2);f1.add(l3);

```

```
f1.add(j3);f1.add(b3);f1.add(l4);

b3.addActionListener(new ActionListener(){

    public void actionPerformed(ActionEvent e)

    {

        try{

            String id=j1.getText();

            String name=j2.getText();

            int age = Integer.parseInt(j3.getText());

            if (age<18)

            {

                y=true;

                JOptionPane.showMessageDialog(f1,"You are not eligible to Vote\n As

you are a minor.","Minor",JOptionPane.WARNING_MESSAGE);

            }

            idchecker(id);

            if(id.length()<10)

            {

                JOptionPane.showMessageDialog(f1,"Enter Valid

Voterid","Error",JOptionPane.WARNING_MESSAGE);

                f1.dispose();y=true;

            }

        }catch(UserException ue)
```

```
{  
    y=true;  
    String sh=ue.toString();  
  
JOptionPane.showMessageDialog(f1,sh,"Exception",JOptionPane.WARNING_MESSAGE);  
  
    j1.setText("");j2.setText("");j3.setText("");  
}  
f1.dispose();  
if(!y)  
    {new Castvote();}  
});
```

```
f1.setVisible(true);f1.setSize(1000,1000);  
f1.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);  
super.timer=super.timer+1;  
}
```

Election(int t)

```
{  
    JFrame f2 = new JFrame("Elections");  
    f2.setContentPane(new JLabel(new ImageIcon("C:\\Users\\A R  
Kannan\\Desktop\\Maths\\3.jpg")));
```

```

        JLabel text=new JLabel("WAIT! ELECTION PROCESS");

        JLabel t1=new JLabel(" IS YET TO BEGIN");

        text.setBounds(200,300,550,60);text.setFont(new
Font("Serif",Font.BOLD,40));

        t1.setBounds(250,360,380,60);t1.setFont(new
Font("Serif",Font.BOLD,40));t1.setOpaque(true);

f2.add(t1);f2.add(text);f2.setVisible(true);f2.setSize(1000,1000);text.setOpaque(tr
ue);

        f2.setDefaultCloseOperation(JFrame.DISPOSE_ON_CLOSE);

    }

}

class Castvote extends Demo implements ActionListener
{

    JFrame v=new JFrame("Vote");

    TreeMap<Integer,String> ls=new TreeMap<Integer,String>(new UserComp());

    JLabel l1,l2,l3,l4,l5,l6,l7;JRadioButton c1=new JRadioButton();JRadioButton
c2=new JRadioButton();JRadioButton c3=new JRadioButton();JRadioButton
c4=new JRadioButton();JRadioButton c5=new JRadioButton();JRadioButton
c6=new JRadioButton();JRadioButton c7=new JRadioButton();ButtonGroup bg
=new ButtonGroup();

```

```
ImageIcon i1 = new ImageIcon(new ImageIcon("C:\\Users\\A R  
Kannan\\Desktop\\Maths\\1.png").getImage().getScaledInstance(75, 75,  
Image.SCALE_SMOOTH));
```

```
ImageIcon i2 = new ImageIcon(new ImageIcon("C:\\Users\\A R  
Kannan\\Desktop\\Maths\\2.png").getImage().getScaledInstance(75, 75,  
Image.SCALE_DEFAULT));
```

```
ImageIcon i3 = new ImageIcon(new ImageIcon("C:\\Users\\A R  
Kannan\\Desktop\\Maths\\3.png").getImage().getScaledInstance(75, 75,  
Image.SCALE_DEFAULT));
```

```
ImageIcon i4 = new ImageIcon(new ImageIcon("C:\\Users\\A R  
Kannan\\Desktop\\Maths\\4.png").getImage().getScaledInstance(75, 75,  
Image.SCALE_DEFAULT));
```

```
ImageIcon i5 = new ImageIcon(new ImageIcon("C:\\Users\\A R  
Kannan\\Desktop\\Maths\\5.png").getImage().getScaledInstance(75, 75,  
Image.SCALE_DEFAULT));
```

```
ImageIcon i6= new ImageIcon(new ImageIcon("C:\\Users\\A R  
Kannan\\Desktop\\Maths\\6.png").getImage().getScaledInstance(75, 75,  
Image.SCALE_DEFAULT));
```

```
ImageIcon i7 = new ImageIcon(new ImageIcon("C:\\Users\\A R  
Kannan\\Desktop\\Maths\\7.png").getImage().getScaledInstance(75, 75,  
Image.SCALE_DEFAULT));
```

```
JButton vv=new JButton("VOTE!");
```

```
Castvote()
```

```
{
```

```
list=Adselect.ls();
```

```
list.forEach((n)-> ch(n));int i=1;

v.setContentPane(new JLabel(new ImageIcon("C:\\Users\\A R
Kannan\\Desktop\\Maths\\p1.png")));

for(Map.Entry<Integer,String> entry :ls.entrySet())
{

    String value = entry.getValue();

    Integer n = entry.getKey();

    if(i==1){ l1=new JLabel(value);im(l1,n);l1.setOpaque(true);l1.setFont(new
Font("Courier
New",Font.BOLD,30));l1.setBounds(40,40,750,55);v.add(l1);c1.setBounds(20,50,20
,20);c1.setOpaque(false);bg.add(c1);v.add(c1);}

    else if(i==2){ l2=new
JLabel(value);im(l2,n);l2.setOpaque(true);l2.setFont(new Font("Courier
New",Font.BOLD,30));l2.setBounds(40,100,750,55);v.add(l2);c2.setBounds(20,120,
20,20);c2.setOpaque(false);bg.add(c2);v.add(c2);}

    else if(i==3){ l3=new
JLabel(value);im(l3,n);l3.setOpaque(true);l3.setFont(new Font("Courier
New",Font.BOLD,30));l3.setBounds(40,160,750,55);v.add(l3);c3.setBounds(20,180
,20,20);c3.setOpaque(false);bg.add(c3);v.add(c3);}

    else if(i==4){ l4=new
JLabel(value);im(l4,n);l4.setOpaque(true);l4.setFont(new Font("Courier
New",Font.BOLD,30));l4.setBounds(40,220,750,55);v.add(l4);c4.setBounds(20,240,
20,20);c4.setOpaque(false);bg.add(c4);v.add(c4);}

    else if(i==5){ l5=new
JLabel(value);im(l5,n);l5.setOpaque(true);l5.setFont(new Font("Courier
```



```

New",Font.BOLD,30));l5.setBounds(40,280,750,55);v.add(l5);c5.setBounds(20,300,
20,20);c5.setOpaque(false);bg.add(c5);v.add(c5);}

    else if(i==6){ l6=new
JLabel(value);im(l6,n);l6.setOpaque(true);l6.setFont(new Font("Courier
New",Font.BOLD,30));l6.setBounds(40,340,750,55);v.add(l6);c6.setBounds(20,360,
20,20);c6.setOpaque(false);bg.add(c6);v.add(c6);}

    else if(i==7){ l7=new
JLabel(value);im(l7,n);l7.setOpaque(true);l7.setFont(new Font("Courier
New",Font.BOLD,30));l7.setBounds(40,400,750,55);v.add(l7);c7.setBounds(20,420,
20,20);c7.setOpaque(false);bg.add(c7);v.add(c7);}

    i=i+1;

    System.out.println("start "+n+"->" +value);

}

vv.setFont(new
Font("Serif",Font.ITALIC,30));vv.setBounds(50,500,140,30);vv.addActionListener(th
is);

v.setSize(1000,1000);v.add(vv);

v.setLayout(null);

v.setVisible(true);

super.timer+=1;

}

public void actionPerformed(ActionEvent e)

{

    for(Map.Entry<Integer,String> entry :ls.entrySet())

```

```

{
    ls1.put(super.x,entry.getKey());

    super.x++;
}

if(c1.isSelected()){String i=(ls1.get(1)).toString();vt.put(cnt(1),i);}else
if(c2.isSelected()){String i=(ls1.get(2)).toString();vt.put(cnt(2),i);}else
if(c3.isSelected()){String i=(ls1.get(3)).toString();vt.put(cnt(3),i);}else
if(c4.isSelected()){String i=(ls1.get(4)).toString();vt.put(cnt(4),i);}

    else if(c5.isSelected()){String i=(ls1.get(5)).toString();vt.put(cnt(5),i);}else
if(c6.isSelected()){String i=(ls1.get(6)).toString();vt.put(cnt(6),i);}else
if(c7.isSelected()){String i=(ls1.get(7)).toString();vt.put(cnt(7),i);}

    v.dispose();

    willdel(vt);
}

int cnt(int x){
    switch(x)
    {

        case 1: super.x1+=1;return x1;case 2: super.x2+=1;return x2;case 3:
super.x3+=1;return x3;

        case 4: super.x4+=1;return x4;case 5: super.x5+=1;return x5;case 6:
super.x6+=1;return x6;

        case 7: super.x7+=1;return x7;

    }
}

```

```

    return 0 ;

}

void ch(int x)

{

    switch(x)

    {

        case 1: ls.put(1,"PSB-Public Socetal Broadway Party ");break;case 2:
ls.put(2,"CCI-Contradiction Committee of India");break;case 3: ls.put(3,"MKP-
Masdoor Kisaan Party");break;

        case 4: ls.put(4,"ATK-All India Thozhilaali Kazhagam");break;case 5:
ls.put(5,"SRF-Surya Raajas Front");break;case 6: ls.put(6,"PVC-Public Voice
Committee");break;

        case 7: ls.put(7,"KTP-Karnataka Trinamol Party");break;

    }

}

void im(JLabel l ,int x)

{

    switch(x)

    {

        case 1: l.setlcon(i1);break;case 2: l.setlcon(i2);case 3:
l.setlcon(i3);break;case 4: l.setlcon(i4);break;

```

```

        case 5: l.setlcon(i5);break;case 6: l.setlcon(i6);break;case 7:
l.setlcon(i7);break;

    }

}

void willdel(TreeMap<Integer,String> ls1)
{
    for(Map.Entry<Integer,String> entry :ls1.entrySet())
    {
        System.out.println(entry.getValue());
    }
}

}

class Adselect extends Demo implements ActionListener
{

    JFrame s=new JFrame("Selection");JLabel l1,l2,l3,l4,l5,l6,l7;JCheckBox
c1,c2,c3,c4,c5,c6,c7;

    Adselect()
    {
        System.out.println("In aAD sleect is "+super.timer);

        JButton bt=new
JButton("SUBMIT");bt.setBounds(80,500,80,35);bt.addActionListener(this);

```

```
ImageIcon i1 = new ImageIcon(new ImageIcon("C:\\Users\\A R  
Kannan\\Desktop\\Maths\\1.png").getImage().getScaledInstance(75, 75,  
Image.SCALE_SMOOTH));
```

```
ImageIcon i2 = new ImageIcon(new ImageIcon("C:\\Users\\A R  
Kannan\\Desktop\\Maths\\2.png").getImage().getScaledInstance(75, 75,  
Image.SCALE_DEFAULT));
```

```
ImageIcon i3 = new ImageIcon(new ImageIcon("C:\\Users\\A R  
Kannan\\Desktop\\Maths\\3.png").getImage().getScaledInstance(75, 75,  
Image.SCALE_DEFAULT));
```

```
ImageIcon i4 = new ImageIcon(new ImageIcon("C:\\Users\\A R  
Kannan\\Desktop\\Maths\\4.png").getImage().getScaledInstance(75, 75,  
Image.SCALE_DEFAULT));
```

```
ImageIcon i5 = new ImageIcon(new ImageIcon("C:\\Users\\A R  
Kannan\\Desktop\\Maths\\5.png").getImage().getScaledInstance(75, 75,  
Image.SCALE_DEFAULT));
```

```
ImageIcon i6= new ImageIcon(new ImageIcon("C:\\Users\\A R  
Kannan\\Desktop\\Maths\\6.png").getImage().getScaledInstance(75, 75,  
Image.SCALE_DEFAULT));
```

```
ImageIcon i7 = new ImageIcon(new ImageIcon("C:\\Users\\A R  
Kannan\\Desktop\\Maths\\7.png").getImage().getScaledInstance(75, 75,  
Image.SCALE_DEFAULT));
```

```
s.setContentPane(new JLabel(new ImageIcon("C:\\Users\\A R  
Kannan\\Desktop\\Maths\\p1.png")));
```

```
l1=new JLabel("PSB-Public Socetal Broadway Party ");l2=new JLabel("CCI-  
Contradiction Committee of India");l3=new JLabel("MKP-Masdoor Kisaan  
Party");l4=new JLabel("ATK-All India Thozhilaali Kazhagam");
```

```
l5=new JLabel("SRF-Surya Raajas Front");l6=new JLabel("PVC-Public Voice  
Committee");l7=new JLabel("KTP-Karnataka Trinamol Party");
```

```
c1=new JCheckBox();c2=new JCheckBox();c3=new JCheckBox();c4=new JCheckBox();c5=new JCheckBox();c6=new JCheckBox();c7=new JCheckBox();
```

```
l1.setIcon(i1);l1.setOpaque(true);l1.setFont(new Font("Courier New",Font.BOLD,30));l2.setIcon(i2);l2.setFont(new Font("Courier New",Font.BOLD,30));
```

```
l3.setIcon(i3);l3.setFont(new Font("Courier New",Font.BOLD,30));l4.setIcon(i4);l4.setFont(new Font("Courier New",Font.BOLD,30));
```

```
l5.setIcon(i5);l5.setFont(new Font("Courier New",Font.BOLD,30));l6.setIcon(i6);l6.setFont(new Font("Courier New",Font.BOLD,30));
```

```
l7.setIcon(i7);l7.setFont(new Font("Courier New",Font.BOLD,30));l2.setForeground(Color.RED);l4.setForeground(Color.RED);l6.setForeground(Color.RED);
```

```
l1.setBounds(40,40,750,55);l2.setBounds(40,100,750,55);l3.setBounds(40,160,750,55);l4.setBounds(40,220,750,55);
```

```
l5.setBounds(40,280,750,55);l6.setBounds(40,340,750,55);l7.setBounds(40,400,750,55);l2.setOpaque(true);l3.setOpaque(true);l4.setOpaque(true);l5.setOpaque(true);l6.setOpaque(true);l7.setOpaque(true);
```

```
c1.setBounds(20,50,20,20);c1.setOpaque(false);c2.setBounds(20,120,20,20);c2.setOpaque(false);c3.setBounds(20,180,20,20);c3.setOpaque(false);
```

```
c4.setBounds(20,240,20,20);c4.setOpaque(false);c5.setBounds(20,300,20,20);c5.setOpaque(false);c6.setBounds(20,360,20,20);c6.setOpaque(false);c7.setBounds(20,420,20,20);c7.setOpaque(false);
```

```
s.setSize(1000,1000);s.add(l1);s.add(l2);s.add(l3);s.add(l4);s.add(l5);s.add(l6);s.add(l7);

    s.add(c1);s.add(c2);s.add(c3);s.add(c4);s.add(c5);s.add(c6);s.add(c7);s.add(bt);

    s.setLayout(null);

    s.setVisible(true);

    super.timer+=1;

}

public void actionPerformed(ActionEvent e)

{

if(c1.isSelected()){list.add(1);}if(c2.isSelected()){list.add(2);}if(c3.isSelected()){list.add(3);}if(c4.isSelected()){list.add(4);}

if(c5.isSelected()){list.add(5);}if(c6.isSelected()){list.add(6);}if(c7.isSelected()){list.add(7);}

    s.dispose();

    System.out.println(timer);

}

public static ArrayList<Integer> ls()

{

    return list;

}

}
```

```
class Admin extends Demo implements ActionListener
```

```
{
```

```
    JTextField tf1;
```

```
    String pass;final JPasswordField p=new JPasswordField();JFrame j1=new  
JFrame("Login");
```

```
    Admin()
```

```
{
```

```
    super.timer=0;
```

```
    JLabel l1,l2;JButton b=new JButton("Login");
```

```
    l1=new JLabel("User-ID: ");l2=new JLabel("Password: ");
```

```
    tf1=new JTextField();
```

```
l1.setBounds(30,40,150,40);tf1.setBounds(100,50,100,20);b.setBounds(100,130,80  
,20);
```

```
l2.setBounds(30,80,120,40);p.setBounds(100,90,100,20);b.addActionListener(this);
```

```
    j1.setSize(400,200);j1.add(l1);j1.add(l2);j1.add(tf1);j1.add(p);j1.add(b);
```

```
    j1.setLayout(null);
```

```
    j1.setVisible(true);
```

```
    super.timer++;
```

```
    System.out.println(super.timer);
```



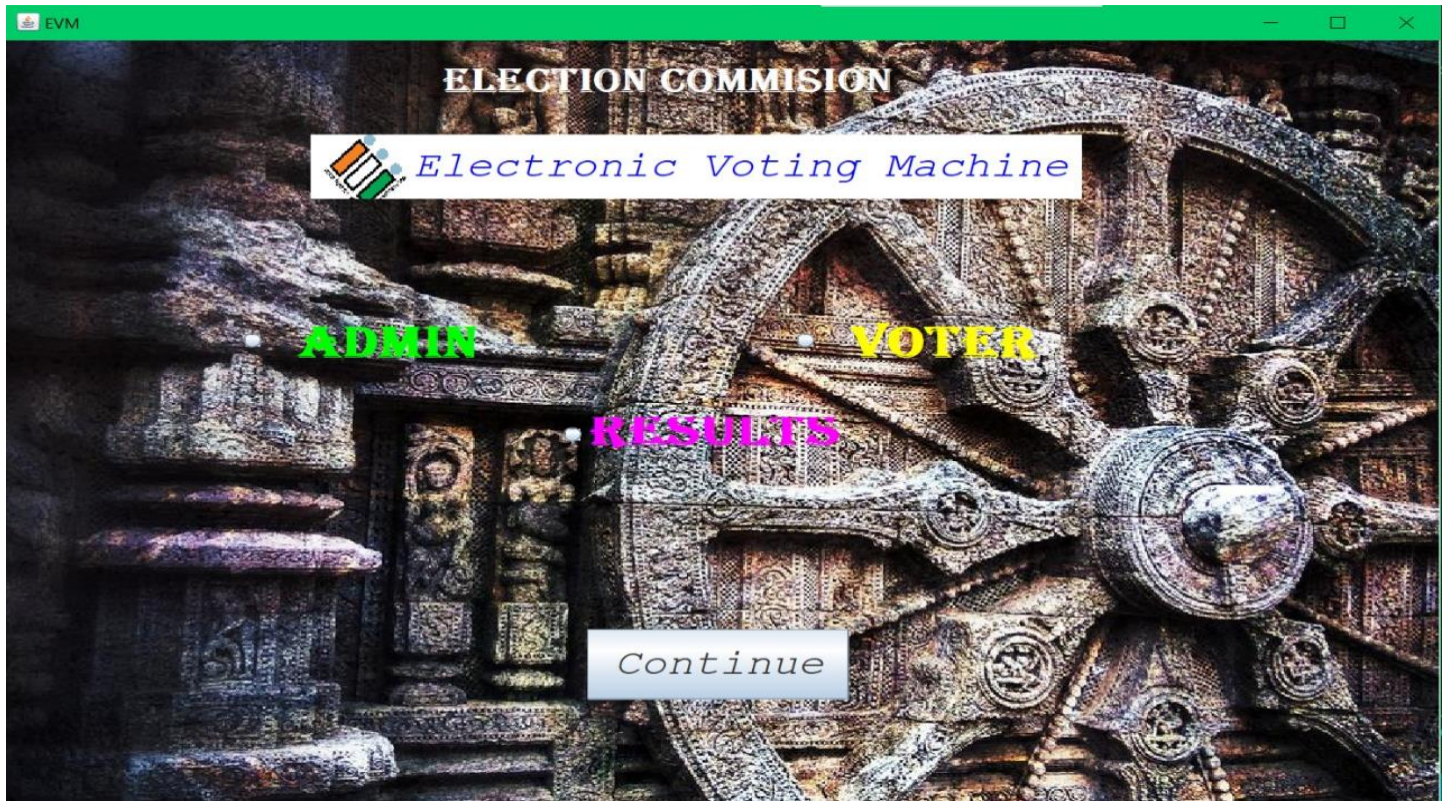
```
}

public void actionPerformed(ActionEvent e)
{
    String data=new String(p.getPassword());
    String t=tf1.getText();
    if((t!="") && t.length()>=9 )
    {
        if(data.equals("Vote4Growth"))
        {
            j1.dispose();
            new Adselect();

        }
        else
        {
            JOptionPane.showMessageDialog(j1,"Invalid password!\n Try
Again","Error",JOptionPane.WARNING_MESSAGE);
            p.setText("");
            tf1.setText("");
        }
    }
    else
```

```
{  
    JOptionPane.showMessageDialog(j1,"Enter Valid \n  
    UserName","Error",JOptionPane.WARNING_MESSAGE);  
    p.setText("");  
    tf1.setText("");  
}  
  
}  
}  
public class Evm {  
    public static void main(String[] args) {  
  
        new ElectionMC();  
    }  
}
```

Output Samples:



**VOTING PROCESS HASNT
STARTED YET PLEASE WAIT!**

User-ID:

Password:

Login

ION COMMISSION

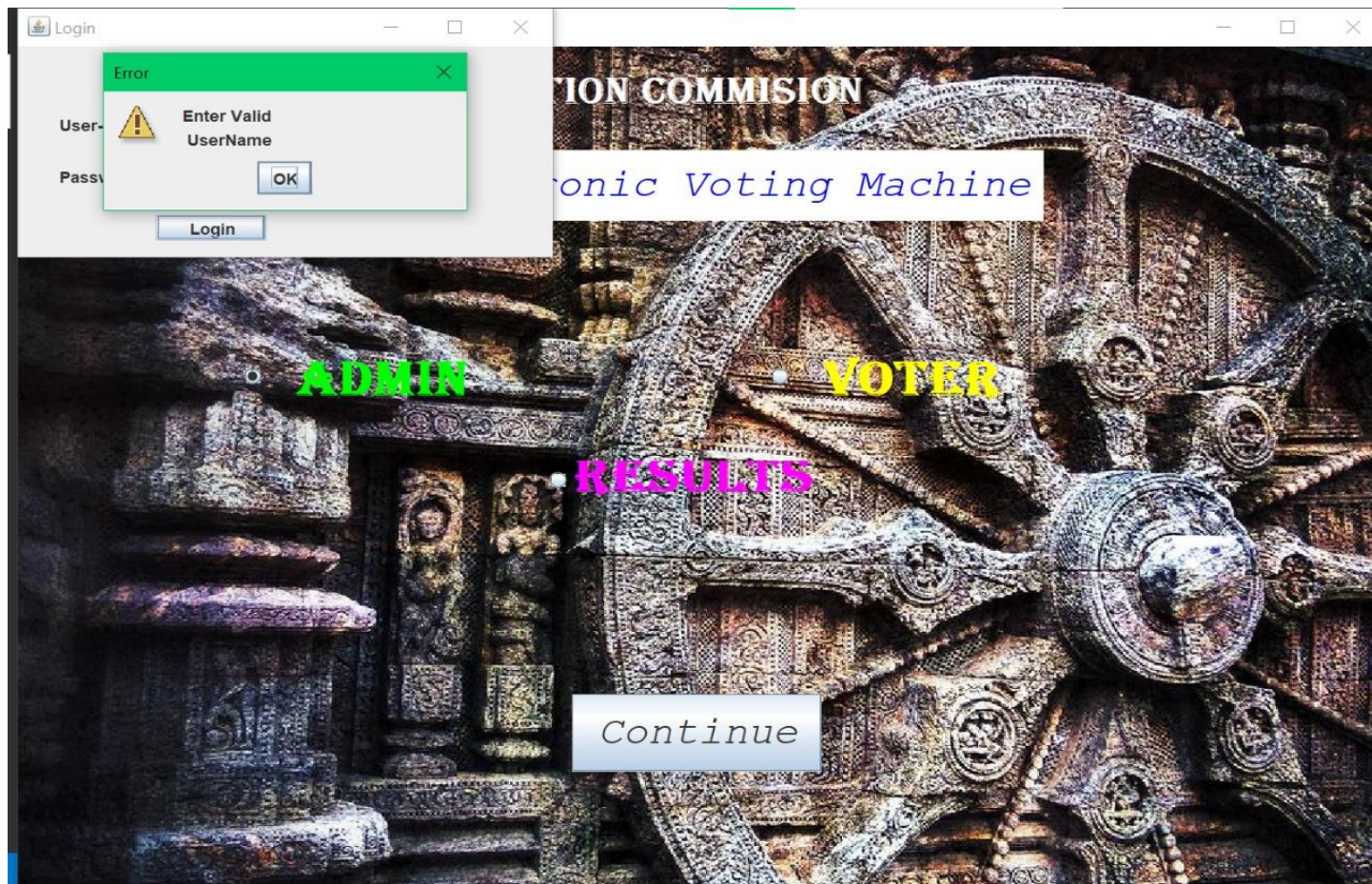
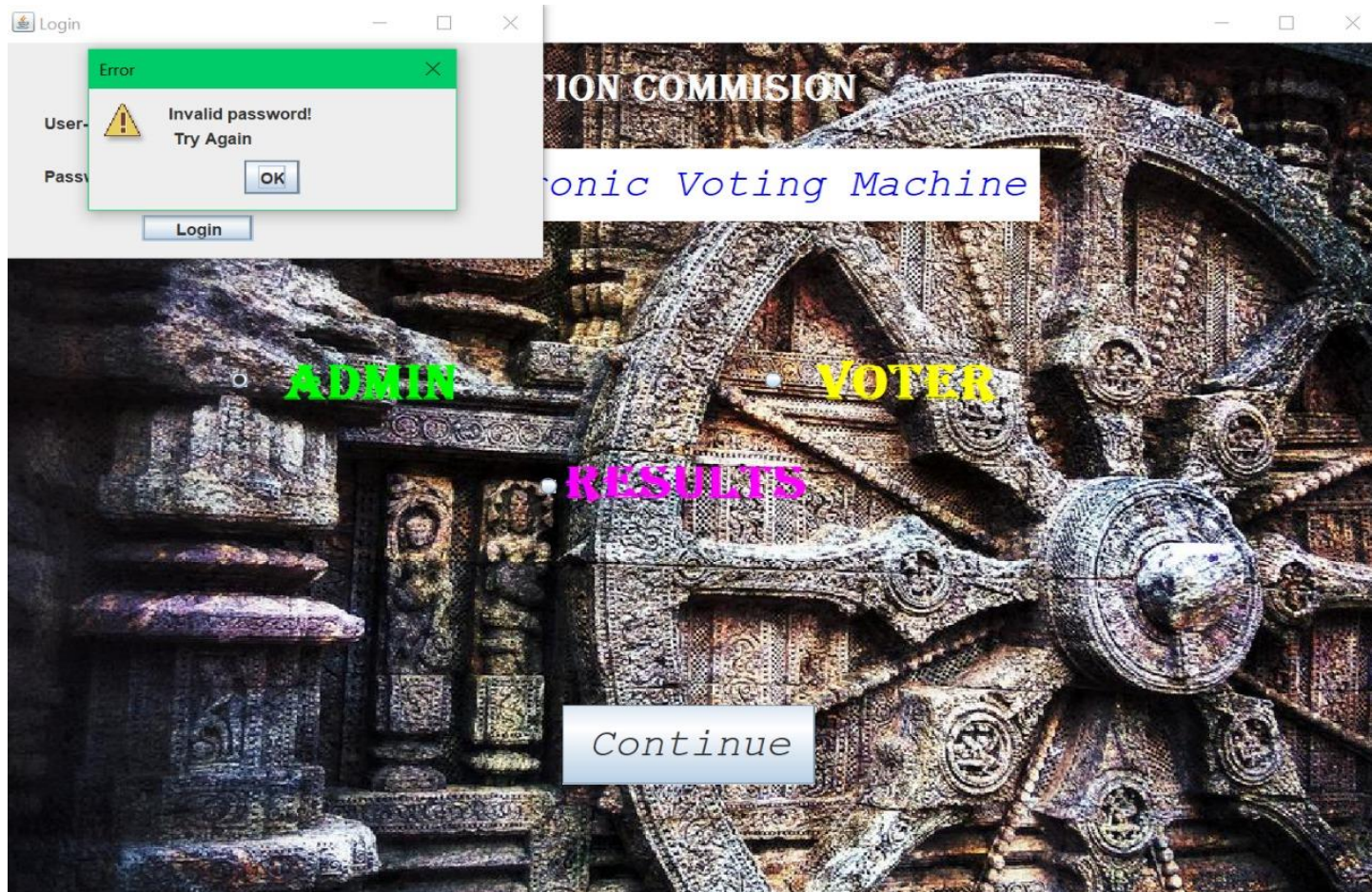
onic Voting Machine

ADMIN

VOTER

RESULTS

Continue



- ☐  PSB-Public Soceital Broadway Party
- ☐  CCI-Contradiction Committee of India
- ☐  MKP-Masdoor Kisaan Party
- ☐  ATK-All India Thozhilaali Kazhagam
- ☐  SRF-Surya Raajas Front
- ☐  PVC-Public Voice Committee
- ☐  KTP-Karnataka Trinamol Party

SUBMIT

- ☒  PSB-Public Soceital Broadway Party
- ☒  CCI-Contradiction Committee of India
- ☒  MKP-Masdoor Kisaan Party
- ☐  ATK-All India Thozhilaali Kazhagam
- ☒  SRF-Surya Raajas Front
- ☐  PVC-Public Voice Committee
- ☒  KTP-Karnataka Trinamol Party

SUBMIT

Voter-ID:

Name:

Age:

[Submit!](#)

Voter-ID:

Name:

Exception



Exception! given Voter ID 1234567891 is all numeric wrong as per voterid format

OK

Voter-ID:

Name:



Voter-ID:

Name:

Age:

Submit!



-  KTP-Karnataka Trinamol Party
-  SRF-Surya Raajas Front
-  MKP-Masdoor Kisaan Party
-  CCI-Contradiction Committee of India
-  PSB-Public Soceital Broadway Party

VOTE!

-  KTP-Karnataka Trinamol Party
-  SRF-Surya Raajas Front
-  MKP-Masdoor Kisaan Party
-  CCI-Contradiction Committee of India
-  PSB-Public Soceital Broadway Party

VOTE!

Voter-ID: ZG12IKL75I

Name: Kannan

Age: 18

Submit!

सत्यमेव जयते



KTP-Karnataka Trinamol Party



SRF-Surya Raajas Front



MKP-Masdoor Kisaan Party



CCI-Contradiction Committee of India



PSB-Public Soceital Broadway Party

VOTE!

Voter-ID: SH137KL129

Name: SREERAM

Age:

21

Submit!

सत्यमेव जयते

Vote

-  KTP-Karnataka Trinamol Party
-  SRF-Surya Raajas Front
-  MKP-Masdoor Kisaan Party
-  CCI-Contradiction Committee of India
-  PSB-Public Soceital Broadway Party

VOTE!

ELECTION COMMISSION



Electronic Voting Machine

ADMIN

VOTER

RESULTS

Continue

Results



SRF-Surya Raajas Front

WON THIS ELECTION!