

**Department of Computer Engineering**

**Mini Project**

**Subject: Object Oriented Programming Methodology**

**SE.SEM-III**

**A PROJECT REPORT ON**

**“ONLINE VOTING SYSTEM”**

**by**

|  |  |
| --- | --- |
| Name | Roll No. |
| Aakanksha Patil | 306 |
| Anagha Patil | 307 |

under the guidance of

Prof. Dipak Gaikar

**Abstract**

“ONLINE VOTING SYSTEM” is an online voting technique. In this system people who have citizenship of India and whose age is above 18 years of age and any sex can give his\her vote online without going to any physical polling station.

There is a database which is maintained in which all the names of voters with complete information is stored. In “ONLINE VOTING SYSTEM” a voter can use his\her voting right online without any difficulty. He\She has to be registered first for him/her to vote. Registration is mainly done by the system administrator for security reasons. The system Administrator registers the voters on a special site of the system visited by him only by simply filling a registration form to register voter. After registration, the voter is assigned a secret Username and Password with which he/she can use to log into the system and enjoy services provided by the system such as voting, checking results among others. If invalid/wrong details are submitted, then the citizen is

not registered to vote.

**Design: Figure: System Architecture / Flow diagram**

**ONLINE VOTING SYSTEM**

WELCOME FRAME

ADMIN USER

**LOGIN FRAME**

USERNAME-

PASSWORD-

**LOGIN FRAME**

USERNAME-

PASSWORD-

**SIGN IN**

**SIGN IN**

Sign in

**SIGN IN**

SIGN UP

**SIGN UP**

**RESULT**

BHARTIYA JANTA PARTY- **8**

INDIAN NATIONAL CONGRESS- **5**

SHIVSENA- **6**

AAM AADMI PARTY- **2**

MAHARASHTRA NAV NIRMAN SENA - **1**

First name-

Last name-

Gender- male female other

Phone no-

E-mail id-

Username-

Password-

Confirm Password-

DO YOU WANT TO CAST YOUR VOTE NOW?

YES NO

**NO**

**WINNER**

BHARTIYA JANTA PARTY

**YES**

BHARTIYA JANTA PARTY

INDIAN NATIONAL CONGRESS

SHIVSENA

AAM AADMI PARTY

MAHARASHTRA NAVNIRMAN SENA

THANK YOU!

JAI HIND!!!!

**Software Requirements:**

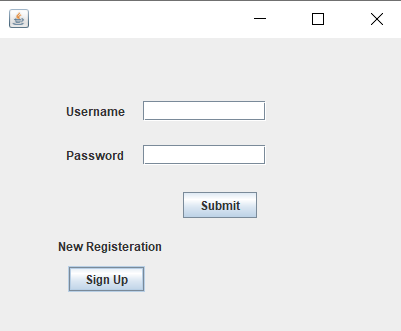
* Operating System : Windows XP/Vista/Windows 7 / 8 / 10
* Programming Language : JAVA
* Development Kit : Eclipse, Jdk 1.8
* SQL Server : Tool used for back end is XAMPP servery
* The System will be implemented using MySQL Support.

**Source Code:**

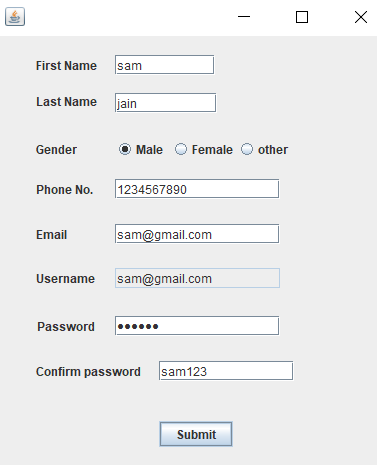
|  |
| --- |
| **Myproject**  /\*  \* To change this license header, choose License Headers in Project Properties.  \* To change this template file, choose Tools | Templates  \* and open the template in the editor.  \*/  package myproject;  /\*\*  \*  \* @author Anagha Patil  \*/  public class Myproject {  /\*\*  \* @param args the command line arguments  \*/  public static void main(String[] args) {  // TODO code application logic here  java.awt.EventQueue.invokeLater(new Runnable() {  public void run() {  new WelcomeFrame().setVisible(true);  }  });  }    }  **WelcomeFrame**  /\*  \* To change this license header, choose License Headers in Project Properties.  \* To change this template file, choose Tools | Templates  \* and open the template in the editor.  \*/  package myproject;  import javax.swing.JOptionPane;  /\*\*  \*  \* @author Anagha Patil  \*/  public class WelcomeFrame extends javax.swing.JFrame {  /\*\*  \* Creates new form java  \*/  public WelcomeFrame() {  initComponents();  }  /\*\*  \* This method is called from within the constructor to initialize the form.  \* WARNING: Do NOT modify this code. The content of this method is always  \* regenerated by the Form Editor.  \*/  @SuppressWarnings("unchecked")  // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents  private void initComponents() {  username\_label = new javax.swing.JLabel();  username\_textfield = new javax.swing.JTextField();  password\_label = new javax.swing.JLabel();  submit\_button = new javax.swing.JButton();  jPasswordField1 = new javax.swing.JPasswordField();  signin\_button = new javax.swing.JButton();  signin\_label = new javax.swing.JLabel();  setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);  username\_label.setText("Username");  password\_label.setText("Password");  submit\_button.setText("Submit");  submit\_button.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  submit\_buttonActionPerformed(evt);  }  });  signin\_button.setText("Sign Up");  signin\_button.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  signin\_buttonActionPerformed(evt);  }  });  signin\_label.setText("New Registeration");  javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());  getContentPane().setLayout(layout);  layout.setHorizontalGroup(  layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()  .addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)  .addComponent(submit\_button)  .addGap(150, 150, 150))  .addGroup(layout.createSequentialGroup()  .addGap(66, 66, 66)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addComponent(username\_label)  .addComponent(password\_label))  .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)  .addComponent(jPasswordField1, javax.swing.GroupLayout.DEFAULT\_SIZE, 123, Short.MAX\_VALUE)  .addComponent(username\_textfield))  .addGap(141, 141, 141))  .addGroup(layout.createSequentialGroup()  .addGap(58, 58, 58)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addGroup(layout.createSequentialGroup()  .addGap(10, 10, 10)  .addComponent(signin\_button))  .addComponent(signin\_label))  .addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))  );  layout.setVerticalGroup(  layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addGroup(layout.createSequentialGroup()  .addGap(63, 63, 63)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  .addComponent(username\_label)  .addComponent(username\_textfield, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))  .addGap(24, 24, 24)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  .addComponent(password\_label)  .addComponent(jPasswordField1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))  .addGap(27, 27, 27)  .addComponent(submit\_button)  .addGap(20, 20, 20)  .addComponent(signin\_label)  .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)  .addComponent(signin\_button)  .addContainerGap(43, Short.MAX\_VALUE))  );  pack();  }// </editor-fold>//GEN-END:initComponents  private void submit\_buttonActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_submit\_buttonActionPerformed  // TODO add your handling code here:  String username = username\_textfield.getText();  String password = new String(this.jPasswordField1.getPassword());  if(new RegisterService().validateVoter(username, password))    if(new RegisterService().validateAdmin(username, password))  new AminFrame().setVisible(true);  else  new VoteFrame().setVisible(true);  else  JOptionPane.showMessageDialog(this, "Inavalid username or password");  }//GEN-LAST:event\_submit\_buttonActionPerformed  private void signin\_buttonActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_signin\_buttonActionPerformed  // TODO add your handling code here:  new RegisterationFrame().setVisible(true);  }//GEN-LAST:event\_signin\_buttonActionPerformed  /\*\*  \* @param args the generated by the Form Editor.  \*/  @SuppressWarnings("unchecked")      // Variables declaration - do not modify//GEN-BEGIN:variables  private javax.swing.JPasswordField jPasswordField1;  private javax.swing.JLabel password\_label;  private javax.swing.JButton signin\_button;  private javax.swing.JLabel signin\_label;  private javax.swing.JButton submit\_button;  private javax.swing.JLabel username\_label;  private javax.swing.JTextField username\_textfield;  // End of variables declaration//GEN-END:variables  }  **RegistrationFrame**  /\*  \* To change this license header, choose License Headers in Project Properties.  \* To change this template file, choose Tools | Templates  \* and open the template in the editor.  \*/  package myproject;  import javax.swing.JOptionPane;  /\*\*  \*  \* @author Anagha Patil  \*/  public class RegisterationFrame extends javax.swing.JFrame {  /\*\*  \* Creates new form java  \*/  public RegisterationFrame() {  initComponents();  }  /\*\*  \* This method is called from within the constructor to initialize the form.  \* WARNING: Do NOT modify this code. The content of this method is always  \* regenerated by the Form Editor.  \*/  @SuppressWarnings("unchecked")  // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents  private void initComponents() {  jScrollPane1 = new javax.swing.JScrollPane();  jTree1 = new javax.swing.JTree();  jSpinner1 = new javax.swing.JSpinner();  buttonGroup1 = new javax.swing.ButtonGroup();  buttonGroup2 = new javax.swing.ButtonGroup();  Fname\_label = new javax.swing.JLabel();  Fname\_textfield = new javax.swing.JTextField();  Lname\_label = new javax.swing.JLabel();  Lname\_textfield = new javax.swing.JTextField();  Gender\_label = new javax.swing.JLabel();  Male\_button = new javax.swing.JRadioButton();  Female\_button = new javax.swing.JRadioButton();  other\_button = new javax.swing.JRadioButton();  Pno\_label = new javax.swing.JLabel();  Pno\_textfield = new javax.swing.JTextField();  email\_label = new javax.swing.JLabel();  email\_textfield = new javax.swing.JTextField();  regsubmit\_button = new javax.swing.JButton();  username\_label = new javax.swing.JLabel();  username\_textfield = new javax.swing.JTextField();  password\_label = new javax.swing.JLabel();  cpassword\_label = new javax.swing.JLabel();  cpassword\_textfield = new javax.swing.JTextField();  password\_textfield = new javax.swing.JPasswordField();  jScrollPane1.setViewportView(jTree1);  setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);  Fname\_label.setText("First Name");  Fname\_textfield.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  Fname\_textfieldActionPerformed(evt);  }  });  Lname\_label.setText("Last Name");  Gender\_label.setText("Gender");  buttonGroup1.add(Male\_button);  Male\_button.setSelected(true);  Male\_button.setText("Male");  Male\_button.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  Male\_buttonActionPerformed(evt);  }  });  buttonGroup1.add(Female\_button);  Female\_button.setText("Female");  buttonGroup1.add(other\_button);  other\_button.setText("other");  Pno\_label.setText("Phone No.");  Pno\_textfield.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  Pno\_textfieldActionPerformed(evt);  }  });  email\_label.setText("Email");  email\_textfield.addInputMethodListener(new java.awt.event.InputMethodListener() {  public void caretPositionChanged(java.awt.event.InputMethodEvent evt) {  }  public void inputMethodTextChanged(java.awt.event.InputMethodEvent evt) {  email\_textfieldInputMethodTextChanged(evt);  }  });  email\_textfield.addKeyListener(new java.awt.event.KeyAdapter() {  public void keyReleased(java.awt.event.KeyEvent evt) {  email\_textfieldKeyReleased(evt);  }  public void keyTyped(java.awt.event.KeyEvent evt) {  email\_textfieldKeyTyped(evt);  }  });  regsubmit\_button.setText("Submit");  regsubmit\_button.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  regsubmit\_buttonActionPerformed(evt);  }  });  username\_label.setText("Username");  username\_textfield.setEditable(false);  password\_label.setText("Password");  cpassword\_label.setText("Confirm password");  javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());  getContentPane().setLayout(layout);  layout.setHorizontalGroup(  layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addGroup(layout.createSequentialGroup()  .addGap(40, 40, 40)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addGroup(layout.createSequentialGroup()  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addComponent(Lname\_label)  .addComponent(Gender\_label)  .addComponent(Pno\_label)  .addComponent(email\_label)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)  .addComponent(password\_label)  .addComponent(username\_label)))  .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)  .addComponent(Pno\_textfield, javax.swing.GroupLayout.DEFAULT\_SIZE, 165, Short.MAX\_VALUE)  .addComponent(email\_textfield, javax.swing.GroupLayout.DEFAULT\_SIZE, 165, Short.MAX\_VALUE)  .addComponent(username\_textfield)  .addComponent(password\_textfield))  .addGroup(layout.createSequentialGroup()  .addComponent(Male\_button)  .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)  .addComponent(Female\_button)  .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  .addComponent(other\_button))  .addComponent(Lname\_textfield, javax.swing.GroupLayout.PREFERRED\_SIZE, 102, javax.swing.GroupLayout.PREFERRED\_SIZE))  .addContainerGap(99, Short.MAX\_VALUE))  .addGroup(layout.createSequentialGroup()  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addGroup(layout.createSequentialGroup()  .addComponent(Fname\_label)  .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)  .addComponent(Fname\_textfield, javax.swing.GroupLayout.PREFERRED\_SIZE, 100, javax.swing.GroupLayout.PREFERRED\_SIZE))  .addGroup(layout.createSequentialGroup()  .addComponent(cpassword\_label)  .addGap(18, 18, 18)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addComponent(regsubmit\_button)  .addComponent(cpassword\_textfield, javax.swing.GroupLayout.PREFERRED\_SIZE, 135, javax.swing.GroupLayout.PREFERRED\_SIZE))))  .addGap(0, 0, Short.MAX\_VALUE))))  );  layout.setVerticalGroup(  layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addGroup(layout.createSequentialGroup()  .addGap(19, 19, 19)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  .addComponent(Fname\_label)  .addComponent(Fname\_textfield, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))  .addGap(18, 18, 18)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addComponent(Lname\_label)  .addComponent(Lname\_textfield, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))  .addGap(24, 24, 24)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  .addComponent(Gender\_label)  .addComponent(Male\_button)  .addComponent(Female\_button)  .addComponent(other\_button))  .addGap(18, 18, 18)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  .addComponent(Pno\_label, javax.swing.GroupLayout.PREFERRED\_SIZE, 16, javax.swing.GroupLayout.PREFERRED\_SIZE)  .addComponent(Pno\_textfield, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))  .addGap(25, 25, 25)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  .addComponent(email\_label)  .addComponent(email\_textfield, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))  .addGap(24, 24, 24)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  .addComponent(username\_label)  .addComponent(username\_textfield, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))  .addGap(28, 28, 28)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  .addComponent(password\_label)  .addComponent(password\_textfield, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))  .addGap(25, 25, 25)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  .addComponent(cpassword\_label)  .addComponent(cpassword\_textfield, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))  .addGap(40, 40, 40)  .addComponent(regsubmit\_button)  .addContainerGap(252, Short.MAX\_VALUE))  );  pack();  }// </editor-fold>//GEN-END:initComponents  private void Fname\_textfieldActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_Fname\_textfieldActionPerformed  // TODO add your handling code here:  }//GEN-LAST:event\_Fname\_textfieldActionPerformed  private void regsubmit\_buttonActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_regsubmit\_buttonActionPerformed  // TODO add your handling code here:  String fname=Fname\_textfield.getText();  String lname=Lname\_textfield.getText();      String pno= Pno\_textfield.getText();  String email =email\_textfield.getText();      String password =new String(password\_textfield.getPassword());  String cpassword =cpassword\_textfield.getText();      String gender="male";    if(Female\_button.isSelected())  gender="female";  else if(other\_button.isSelected())  gender="other";      boolean added=new RegisterService().addVoter(fname, lname, gender, pno, email, password);    if(true)  {  Fname\_textfield.setText("");  Lname\_textfield.setText("");    Pno\_textfield.setText("");  email\_textfield.setText("");    username\_textfield.setText("");  password\_textfield.setText("");    if(password.equals(cpassword)==false)  JOptionPane.showMessageDialog(this, "add correct password");    else{  JOptionPane.showMessageDialog(this, "added successfully");    dispose();    }  }    else{  JOptionPane.showMessageDialog(this,"something went wrong");  }      }//GEN-LAST:event\_regsubmit\_buttonActionPerformed  private void Male\_buttonActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_Male\_buttonActionPerformed  // TODO add your handling code here:  }//GEN-LAST:event\_Male\_buttonActionPerformed  private void Pno\_textfieldActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_Pno\_textfieldActionPerformed  // TODO add your handling code here:  }//GEN-LAST:event\_Pno\_textfieldActionPerformed  private void email\_textfieldInputMethodTextChanged(java.awt.event.InputMethodEvent evt) {//GEN-FIRST:event\_email\_textfieldInputMethodTextChanged  username\_textfield.setText(email\_textfield.getText());  }//GEN-LAST:event\_email\_textfieldInputMethodTextChanged  private void email\_textfieldKeyTyped(java.awt.event.KeyEvent evt) {//GEN-FIRST:event\_email\_textfieldKeyTyped  }//GEN-LAST:event\_email\_textfieldKeyTyped  private void email\_textfieldKeyReleased(java.awt.event.KeyEvent evt) {//GEN-FIRST:event\_email\_textfieldKeyReleased  username\_textfield.setText(email\_textfield.getText());  }//GEN-LAST:event\_email\_textfieldKeyReleased  /\*\*  \* @param args the command line arguments  \*/  public static void main(String args[]) {  /\* Set the Nimbus look and feel \*/  //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">  /\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.  \* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html  \*/  try {  for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {  if ("Nimbus".equals(info.getName())) {  javax.swing.UIManager.setLookAndFeel(info.getClassName());  break;  }  }  } catch (ClassNotFoundException ex) {  java.util.logging.Logger.getLogger(RegisterationFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (InstantiationException ex) {  java.util.logging.Logger.getLogger(RegisterationFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (IllegalAccessException ex) {  java.util.logging.Logger.getLogger(RegisterationFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (javax.swing.UnsupportedLookAndFeelException ex) {  java.util.logging.Logger.getLogger(RegisterationFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  }  //</editor-fold>  /\* Create and display the form \*/  java.awt.EventQueue.invokeLater(new Runnable() {  public void run() {  new RegisterationFrame().setVisible(true);  }  });  }  // Variables declaration - do not modify//GEN-BEGIN:variables  private javax.swing.JRadioButton Female\_button;  private javax.swing.JLabel Fname\_label;  private javax.swing.JTextField Fname\_textfield;  private javax.swing.JLabel Gender\_label;  private javax.swing.JLabel Lname\_label;  private javax.swing.JTextField Lname\_textfield;  private javax.swing.JRadioButton Male\_button;  private javax.swing.JLabel Pno\_label;  private javax.swing.JTextField Pno\_textfield;  private javax.swing.ButtonGroup buttonGroup1;  private javax.swing.ButtonGroup buttonGroup2;  private javax.swing.JLabel cpassword\_label;  private javax.swing.JTextField cpassword\_textfield;  private javax.swing.JLabel email\_label;  private javax.swing.JTextField email\_textfield;  private javax.swing.JScrollPane jScrollPane1;  private javax.swing.JSpinner jSpinner1;  private javax.swing.JTree jTree1;  private javax.swing.JRadioButton other\_button;  private javax.swing.JLabel password\_label;  private javax.swing.JPasswordField password\_textfield;  private javax.swing.JButton regsubmit\_button;  private javax.swing.JLabel username\_label;  private javax.swing.JTextField username\_textfield;  // End of variables declaration//GEN-END:variables  }  **AminFrame**  /\*  \* To change this license header, choose License Headers in Project Properties.  \* To change this template file, choose Tools | Templates  \* and open the template in the editor.  \*/  package myproject;  /\*\*  \*  \* @author Anagha Patil  \*/  public class AminFrame extends javax.swing.JFrame {  /\*\*  \* Creates new form java  \*/  public AminFrame() {  initComponents();  }  /\*\*  \* This method is called from within the constructor to initialize the form.  \* WARNING: Do NOT modify this code. The content of this method is always  \* regenerated by the Form Editor.  \*/  @SuppressWarnings("unchecked")  // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents  private void initComponents() {  buttonGroup1 = new javax.swing.ButtonGroup();  yes\_button = new javax.swing.JRadioButton();  no\_button = new javax.swing.JRadioButton();  setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);  buttonGroup1.add(yes\_button);  yes\_button.setText("Cast your vote now");  yes\_button.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  yes\_buttonActionPerformed(evt);  }  });  buttonGroup1.add(no\_button);  no\_button.setText("Check Result");  no\_button.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  no\_buttonActionPerformed(evt);  }  });  javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());  getContentPane().setLayout(layout);  layout.setHorizontalGroup(  layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()  .addContainerGap(100, Short.MAX\_VALUE)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addComponent(yes\_button)  .addComponent(no\_button))  .addGap(161, 161, 161))  );  layout.setVerticalGroup(  layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addGroup(layout.createSequentialGroup()  .addGap(96, 96, 96)  .addComponent(yes\_button)  .addGap(34, 34, 34)  .addComponent(no\_button)  .addContainerGap(120, Short.MAX\_VALUE))  );  pack();  }// </editor-fold>//GEN-END:initComponents  private void yes\_buttonActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_yes\_buttonActionPerformed  // TODO add your handling code here:  java.awt.EventQueue.invokeLater(new Runnable() {  public void run() {  new VoteFrame().setVisible(true);  }  });    }//GEN-LAST:event\_yes\_buttonActionPerformed  private void no\_buttonActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_no\_buttonActionPerformed  // TODO add your handling code here:  java.awt.EventQueue.invokeLater(new Runnable() {  public void run() {  new Result().setVisible(true);  }  });  }//GEN-LAST:event\_no\_buttonActionPerformed  /\*\*  \* @param args the command line arguments  \*/  public static void main(String args[]) {  /\* Set the Nimbus look and feel \*/  //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">  /\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.  \* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html  \*/  try {  for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {  if ("Nimbus".equals(info.getName())) {  javax.swing.UIManager.setLookAndFeel(info.getClassName());  break;  }  }  } catch (ClassNotFoundException ex) {  java.util.logging.Logger.getLogger(AminFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (InstantiationException ex) {  java.util.logging.Logger.getLogger(AminFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (IllegalAccessException ex) {  java.util.logging.Logger.getLogger(AminFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (javax.swing.UnsupportedLookAndFeelException ex) {  java.util.logging.Logger.getLogger(AminFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  }  //</editor-fold>  //</editor-fold>  //</editor-fold>  //</editor-fold>  /\* Create and display the form \*/    java.awt.EventQueue.invokeLater(new Runnable() {  public void run() {  new AminFrame().setVisible(true);  }  });  }  // Variables declaration - do not modify//GEN-BEGIN:variables  private javax.swing.ButtonGroup buttonGroup1;  private javax.swing.JRadioButton no\_button;  private javax.swing.JRadioButton yes\_button;  // End of variables declaration//GEN-END:variables  }  **VoteFrame**  /\*  \* To change this license header, choose License Headers in Project Properties.  \* To change this template file, choose Tools | Templates  \* and open the template in the editor.  \*/  package myproject;  import javafx.event.ActionEvent;  /\*\*  \*  \* @author Anagha Patil  \*/  public class VoteFrame extends javax.swing.JFrame {  /\*\*  \* Creates new form java  \*/  public VoteFrame() {  initComponents();  }  /\*\*  \* This method is called from within the constructor to initialize the form.  \* WARNING: Do NOT modify this code. The content of this method is always  \* regenerated by the Form Editor.  \*/  @SuppressWarnings("unchecked")  // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents  private void initComponents() {  buttonGroup1 = new javax.swing.ButtonGroup();  vote\_label = new javax.swing.JLabel();  vote1\_button = new javax.swing.JRadioButton();  vote2\_button = new javax.swing.JRadioButton();  vote3\_button = new javax.swing.JRadioButton();  vote4\_button = new javax.swing.JRadioButton();  vote5\_button = new javax.swing.JRadioButton();  vote6\_button = new javax.swing.JRadioButton();  submitvote\_button = new javax.swing.JButton();  setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);  vote\_label.setText("Vote");  buttonGroup1.add(vote1\_button);  vote1\_button.setText("National Congress Party");  vote1\_button.setName("1"); // NOI18N  vote1\_button.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  vote1\_buttonActionPerformed(evt);  }  });  buttonGroup1.add(vote2\_button);  vote2\_button.setText("Bharatiya Janata Party");  vote2\_button.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  vote2\_buttonActionPerformed(evt);  }  });  buttonGroup1.add(vote3\_button);  vote3\_button.setText("ShivSena");  vote3\_button.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  vote3\_buttonActionPerformed(evt);  }  });  buttonGroup1.add(vote4\_button);  vote4\_button.setText("Maharashtra Navanirman Sena");  vote4\_button.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  vote4\_buttonActionPerformed(evt);  }  });  buttonGroup1.add(vote5\_button);  vote5\_button.setText("Aam Aadmi Party");  vote5\_button.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  vote5\_buttonActionPerformed(evt);  }  });  buttonGroup1.add(vote6\_button);  vote6\_button.setText("NOTA");  vote6\_button.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  vote6\_buttonActionPerformed(evt);  }  });  submitvote\_button.setText("Submit");  submitvote\_button.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  submitvote\_buttonActionPerformed(evt);  }  });  javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());  getContentPane().setLayout(layout);  layout.setHorizontalGroup(  layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addGroup(layout.createSequentialGroup()  .addGap(120, 120, 120)  .addComponent(vote\_label)  .addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))  .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()  .addContainerGap(74, Short.MAX\_VALUE)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addComponent(vote6\_button, javax.swing.GroupLayout.PREFERRED\_SIZE, 107, javax.swing.GroupLayout.PREFERRED\_SIZE)  .addComponent(vote5\_button, javax.swing.GroupLayout.PREFERRED\_SIZE, 173, javax.swing.GroupLayout.PREFERRED\_SIZE)  .addComponent(vote4\_button, javax.swing.GroupLayout.PREFERRED\_SIZE, 251, javax.swing.GroupLayout.PREFERRED\_SIZE)  .addComponent(vote3\_button, javax.swing.GroupLayout.PREFERRED\_SIZE, 119, javax.swing.GroupLayout.PREFERRED\_SIZE)  .addComponent(vote2\_button, javax.swing.GroupLayout.PREFERRED\_SIZE, 193, javax.swing.GroupLayout.PREFERRED\_SIZE)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()  .addComponent(submitvote\_button)  .addGap(147, 147, 147))  .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()  .addComponent(vote1\_button, javax.swing.GroupLayout.PREFERRED\_SIZE, 211, javax.swing.GroupLayout.PREFERRED\_SIZE)  .addGap(48, 48, 48)))))  );  layout.setVerticalGroup(  layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addGroup(layout.createSequentialGroup()  .addGap(21, 21, 21)  .addComponent(vote\_label)  .addGap(25, 25, 25)  .addComponent(vote1\_button)  .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)  .addComponent(vote2\_button, javax.swing.GroupLayout.PREFERRED\_SIZE, 28, javax.swing.GroupLayout.PREFERRED\_SIZE)  .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)  .addComponent(vote3\_button, javax.swing.GroupLayout.PREFERRED\_SIZE, 29, javax.swing.GroupLayout.PREFERRED\_SIZE)  .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)  .addComponent(vote4\_button, javax.swing.GroupLayout.PREFERRED\_SIZE, 25, javax.swing.GroupLayout.PREFERRED\_SIZE)  .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)  .addComponent(vote5\_button)  .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)  .addComponent(vote6\_button)  .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 40, Short.MAX\_VALUE)  .addComponent(submitvote\_button)  .addContainerGap())  );  pack();  }// </editor-fold>//GEN-END:initComponents  private void vote5\_buttonActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_vote5\_buttonActionPerformed  // TODO add your handling code here:  }//GEN-LAST:event\_vote5\_buttonActionPerformed    private void vote6\_buttonActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_vote6\_buttonActionPerformed  // TODO add your handling code here:  }//GEN-LAST:event\_vote6\_buttonActionPerformed  private void vote1\_buttonActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_vote1\_buttonActionPerformed  // TODO add your handling code here:  }//GEN-LAST:event\_vote1\_buttonActionPerformed  private void vote2\_buttonActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_vote2\_buttonActionPerformed  // TODO add your handling code here:  }//GEN-LAST:event\_vote2\_buttonActionPerformed  private void vote3\_buttonActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_vote3\_buttonActionPerformed  // TODO add your handling code here:  }//GEN-LAST:event\_vote3\_buttonActionPerformed  private void vote4\_buttonActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_vote4\_buttonActionPerformed  // TODO add your handling code here:  }//GEN-LAST:event\_vote4\_buttonActionPerformed  private void submitvote\_buttonActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_submitvote\_buttonActionPerformed      // Override Method    // Declaration of String class Objects.  String vote;    // If condition to check if jRadioButton2 is selected.  if (vote1\_button.isSelected()) {    vote = "1";  }    else if (vote2\_button.isSelected()) {    vote = "2";  }  else if(vote3\_button.isSelected()){    vote = "3";  }  else if(vote4\_button.isSelected()){    vote = "4";  }  else if(vote5\_button.isSelected()){    vote = "5";  }    else  {  vote="6";  }    new VoteService().addVote(vote);    // MessageDialog to show information selected radion buttons.  java.awt.EventQueue.invokeLater(new Runnable() {  public void run() {  new ExitFrame().setVisible(true);  }  });          }//GEN-LAST:event\_submitvote\_buttonActionPerformed  /\*\*  \* @param args the command line arguments  \*/      // Variables declaration - do not modify//GEN-BEGIN:variables  private javax.swing.ButtonGroup buttonGroup1;  private javax.swing.JButton submitvote\_button;  private javax.swing.JRadioButton vote1\_button;  private javax.swing.JRadioButton vote2\_button;  private javax.swing.JRadioButton vote3\_button;  private javax.swing.JRadioButton vote4\_button;  private javax.swing.JRadioButton vote5\_button;  private javax.swing.JRadioButton vote6\_button;  private javax.swing.JLabel vote\_label;  // End of variables declaration//GEN-END:variables  }  **Result**  /\*  \* To change this license header, choose License Headers in Project Properties.  \* To change this template file, choose Tools | Templates  \* and open the template in the editor.  \*/  package myproject;  import java.sql.ResultSet;  import java.sql.Statement;  /\*\*  \*  \* @author Anagha Patil  \*/  public class Result extends javax.swing.JFrame {  /\*\*  \* Creates new form Result  \*/  public Result() {  initComponents();  }  /\*\*  \* This method is called from within the constructor to initialize the form.  \* WARNING: Do NOT modify this code. The content of this method is always  \* regenerated by the Form Editor.  \*/  @SuppressWarnings("unchecked")  // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents  private void initComponents() {  jLabel1 = new javax.swing.JLabel();  jLabel2 = new javax.swing.JLabel();  jLabel3 = new javax.swing.JLabel();  jLabel4 = new javax.swing.JLabel();  jLabel5 = new javax.swing.JLabel();  jLabel6 = new javax.swing.JLabel();  jLabel7 = new javax.swing.JLabel();  jLabel8 = new javax.swing.JLabel();  jLabel9 = new javax.swing.JLabel();  jLabel10 = new javax.swing.JLabel();  jLabel11 = new javax.swing.JLabel();  jButton1 = new javax.swing.JButton();  jLabel12 = new javax.swing.JLabel();  jLabel13 = new javax.swing.JLabel();  jLabel14 = new javax.swing.JLabel();  jLabel15 = new javax.swing.JLabel();  jLabel16 = new javax.swing.JLabel();  jLabel17 = new javax.swing.JLabel();  jLabel18 = new javax.swing.JLabel();  setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);  jLabel1.setText("RESULT");  jLabel2.setText("PARTY NAME");  jLabel3.setText("NO. OF VOTES");  jLabel4.setText("National Congress Party");  jLabel5.setText("Bharatiya Janata Party ");  jLabel6.setText("ShivSena");  jLabel7.setText("Maharashtra Navanirman Sena");  jLabel8.setText("Aam Aadmi Party");  jLabel9.setText("NOTA");  jLabel10.setText("STATISTICS");  jLabel11.setText("Winner Party");  jButton1.setText("Exit");  jButton1.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  jButton1ActionPerformed(evt);  }  });  jLabel12.setText(" 2");  jLabel13.setText(" 7");  jLabel14.setText(" 4");  jLabel15.setText(" 2");  jLabel16.setText(" 0");  jLabel17.setText(" 0");  jLabel18.setText("Bharatiya Janata Party");  javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());  getContentPane().setLayout(layout);  layout.setHorizontalGroup(  layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addGroup(layout.createSequentialGroup()  .addGap(26, 26, 26)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)  .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)  .addGroup(layout.createSequentialGroup()  .addGap(270, 270, 270)  .addComponent(jLabel16, javax.swing.GroupLayout.PREFERRED\_SIZE, 48, javax.swing.GroupLayout.PREFERRED\_SIZE))  .addGroup(layout.createSequentialGroup()  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)  .addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)  .addComponent(jLabel4, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))  .addComponent(jLabel7))  .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)  .addComponent(jLabel12, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)  .addComponent(jLabel13, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)  .addComponent(jLabel14, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)  .addComponent(jLabel15, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)  .addComponent(jLabel17, javax.swing.GroupLayout.DEFAULT\_SIZE, 57, Short.MAX\_VALUE))))  .addContainerGap(76, Short.MAX\_VALUE))  .addGroup(layout.createSequentialGroup()  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED\_SIZE, 125, javax.swing.GroupLayout.PREFERRED\_SIZE)  .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED\_SIZE, 79, javax.swing.GroupLayout.PREFERRED\_SIZE)  .addGroup(layout.createSequentialGroup()  .addGap(118, 118, 118)  .addComponent(jLabel10))  .addGroup(layout.createSequentialGroup()  .addComponent(jLabel11)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addGroup(layout.createSequentialGroup()  .addGap(81, 81, 81)  .addComponent(jButton1))  .addGroup(layout.createSequentialGroup()  .addGap(131, 131, 131)  .addComponent(jLabel18, javax.swing.GroupLayout.PREFERRED\_SIZE, 138, javax.swing.GroupLayout.PREFERRED\_SIZE)))))  .addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)))  .addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED\_SIZE, 108, javax.swing.GroupLayout.PREFERRED\_SIZE)))  .addGroup(layout.createSequentialGroup()  .addGap(148, 148, 148)  .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 67, javax.swing.GroupLayout.PREFERRED\_SIZE)  .addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))  .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()  .addGap(40, 40, 40)  .addComponent(jLabel2)  .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)  .addComponent(jLabel3)  .addGap(62, 62, 62))  );  layout.setVerticalGroup(  layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addGroup(layout.createSequentialGroup()  .addGap(21, 21, 21)  .addComponent(jLabel1)  .addGap(45, 45, 45)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  .addComponent(jLabel2)  .addComponent(jLabel3))  .addGap(32, 32, 32)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  .addComponent(jLabel4)  .addComponent(jLabel12))  .addGap(18, 18, 18)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  .addComponent(jLabel5)  .addComponent(jLabel13))  .addGap(18, 18, 18)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  .addComponent(jLabel6)  .addComponent(jLabel14))  .addGap(18, 18, 18)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED\_SIZE, 16, javax.swing.GroupLayout.PREFERRED\_SIZE)  .addComponent(jLabel15))  .addGap(18, 18, 18)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  .addComponent(jLabel8)  .addComponent(jLabel16))  .addGap(18, 18, 18)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  .addComponent(jLabel9)  .addComponent(jLabel17))  .addGap(47, 47, 47)  .addComponent(jLabel10)  .addGap(27, 27, 27)  .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  .addComponent(jLabel11)  .addComponent(jLabel18))  .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 37, Short.MAX\_VALUE)  .addComponent(jButton1)  .addGap(45, 45, 45))  );  pack();  }// </editor-fold>//GEN-END:initComponents  private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton1ActionPerformed  // TODO add your handling code here:  java.awt.EventQueue.invokeLater(new Runnable() {  public void run() {  new WelcomeFrame().setVisible(true);  }  });  }//GEN-LAST:event\_jButton1ActionPerformed  /\*\*  \* @param args the command line arguments  \*/  public static void main(String args[]) {  /\* Set the Nimbus look and feel \*/  //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">  /\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.  \* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html  \*/  try {  for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {  if ("Nimbus".equals(info.getName())) {  javax.swing.UIManager.setLookAndFeel(info.getClassName());  break;  }  }  } catch (ClassNotFoundException ex) {  java.util.logging.Logger.getLogger(Result.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (InstantiationException ex) {  java.util.logging.Logger.getLogger(Result.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (IllegalAccessException ex) {  java.util.logging.Logger.getLogger(Result.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (javax.swing.UnsupportedLookAndFeelException ex) {  java.util.logging.Logger.getLogger(Result.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  }  //</editor-fold>  /\* Create and display the form \*/  java.awt.EventQueue.invokeLater(new Runnable() {  public void run() {  new Result().setVisible(true);  }  });  }  // Variables declaration - do not modify//GEN-BEGIN:variables  private javax.swing.JButton jButton1;  private javax.swing.JLabel jLabel1;  private javax.swing.JLabel jLabel10;  private javax.swing.JLabel jLabel11;  private javax.swing.JLabel jLabel12;  private javax.swing.JLabel jLabel13;  private javax.swing.JLabel jLabel14;  private javax.swing.JLabel jLabel15;  private javax.swing.JLabel jLabel16;  private javax.swing.JLabel jLabel17;  private javax.swing.JLabel jLabel18;  private javax.swing.JLabel jLabel2;  private javax.swing.JLabel jLabel3;  private javax.swing.JLabel jLabel4;  private javax.swing.JLabel jLabel5;  private javax.swing.JLabel jLabel6;  private javax.swing.JLabel jLabel7;  private javax.swing.JLabel jLabel8;  private javax.swing.JLabel jLabel9;  // End of variables declaration//GEN-END:variables  }  **ExitFrame**  /\*  \* To change this license header, choose License Headers in Project Properties.  \* To change this template file, choose Tools | Templates  \* and open the template in the editor.  \*/  package myproject;  /\*\*  \*  \* @author Anagha Patil  \*/  public class ExitFrame extends javax.swing.JFrame {  /\*\*  \* Creates new form ExitFrame  \*/  public ExitFrame() {  initComponents();  }  /\*\*  \* This method is called from within the constructor to initialize the form.  \* WARNING: Do NOT modify this code. The content of this method is always  \* regenerated by the Form Editor.  \*/  @SuppressWarnings("unchecked")  // <editor-fold defaultstate="collapsed" desc="Generated Code">//GEN-BEGIN:initComponents  private void initComponents() {  jLabel1 = new javax.swing.JLabel();  jButton1 = new javax.swing.JButton();  setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);  jLabel1.setText(" !!! Voting done successfully !!!");  jButton1.setText("Exit");  jButton1.addActionListener(new java.awt.event.ActionListener() {  public void actionPerformed(java.awt.event.ActionEvent evt) {  jButton1ActionPerformed(evt);  }  });  javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());  getContentPane().setLayout(layout);  layout.setHorizontalGroup(  layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addGroup(layout.createSequentialGroup()  .addGap(86, 86, 86)  .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED\_SIZE, 217, javax.swing.GroupLayout.PREFERRED\_SIZE)  .addContainerGap(97, Short.MAX\_VALUE))  .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()  .addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)  .addComponent(jButton1)  .addGap(169, 169, 169))  );  layout.setVerticalGroup(  layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  .addGroup(layout.createSequentialGroup()  .addGap(60, 60, 60)  .addComponent(jLabel1)  .addGap(56, 56, 56)  .addComponent(jButton1)  .addContainerGap(143, Short.MAX\_VALUE))  );  pack();  }// </editor-fold>//GEN-END:initComponents  private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton1ActionPerformed  // TODO add your handling code here:  java.awt.EventQueue.invokeLater(new Runnable() {  public void run() {  new WelcomeFrame().setVisible(true);  }  });    }//GEN-LAST:event\_jButton1ActionPerformed  /\*\*  \* @param args the command line arguments  \*/  public static void main(String args[]) {  /\* Set the Nimbus look and feel \*/  //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">  /\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.  \* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html  \*/  try {  for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {  if ("Nimbus".equals(info.getName())) {  javax.swing.UIManager.setLookAndFeel(info.getClassName());  break;  }  }  } catch (ClassNotFoundException ex) {  java.util.logging.Logger.getLogger(ExitFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (InstantiationException ex) {  java.util.logging.Logger.getLogger(ExitFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (IllegalAccessException ex) {  java.util.logging.Logger.getLogger(ExitFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  } catch (javax.swing.UnsupportedLookAndFeelException ex) {  java.util.logging.Logger.getLogger(ExitFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  }  //</editor-fold>  /\* Create and display the form \*/  java.awt.EventQueue.invokeLater(new Runnable() {  public void run() {  new ExitFrame().setVisible(true);  }  });  }  // Variables declaration - do not modify//GEN-BEGIN:variables  private javax.swing.JButton jButton1;  private javax.swing.JLabel jLabel1;  // End of variables declaration//GEN-END:variables  }  **RegisterService**  /\*  \* To change this license header, choose License Headers in Project Properties.  \* To change this template file, choose Tools | Templates  \* and open the template in the editor.  \*/  package myproject;  import java.util.logging.Level;  import java.util.logging.Logger;  /\*\*  \*  \* @author Anagha Patil  \*/  public class RegisterService {    public boolean addVoter(String fname,String lname,String gender,String pno,String email,String password)  {  fname=fname.toLowerCase();  lname=lname.toLowerCase();    pno=pno.toLowerCase();  email=email.toLowerCase();    //password=password.toLowerCase();      try{  new DAO().insertVoter(fname, lname, gender,pno, email, password);  return true;  }  catch (VoteException ex) {  //Logger.getLogger(VoteService.class.getName()).log(Level.SEVERE, null, ex);  return false;  }  }    public boolean validateAdmin(String username, String password) {  try {  username = username.toLowerCase();  new DAO().selectAdmin(username, password);  return true;  } catch (VoteException ex) {  return false;  }  }    public boolean validateVoter(String username, String password) {  try {  username = username.toLowerCase();  new DAO().selectUser(username, password);  return true;  } catch (VoteException ex) {  return false;  }  }  }  **VoteService**  /\*  \* To change this license header, choose License Headers in Project Properties.  \* To change this template file, choose Tools | Templates  \* and open the template in the editor.  \*/  package myproject;  import java.util.logging.Level;  import java.util.logging.Logger;  /\*\*  \*  \* @author Anagha Patil  \*/  public class VoteService {    public void addVote(String vote)  {  vote=vote.toLowerCase();    try {  new DAO().insertVote(vote);  } catch (VoteException ex) {  Logger.getLogger(VoteService.class.getName()).log(Level.SEVERE, null, ex);  }    }  }  **DAO**  /\*  \* To change this license header, choose License Headers in Project Properties.  \* To change this template file, choose Tools | Templates  \* and open the template in the editor.  \*/  package myproject;  /\*\*  \*  \* @author Anagha Patil  \*/  import java.sql.Connection;  import java.sql.DriverManager;  import java.sql.PreparedStatement;  import java.sql.ResultSet;  import java.sql.SQLException;  import java.sql.Statement;  import java.util.logging.Level;  import java.util.logging.Logger;  public class DAO {    /\*\*  \*  \* @author neebal  \*/  private Connection con;  public DAO() {  try {  con = DriverManager.getConnection("jdbc:mysql://localhost:3306/voting\_system", "root", "B/602aakar");  System.out.println("connected");  } catch (SQLException ex) {  Logger.getLogger(DAO.class.getName()).log(Level.SEVERE, null, ex);  }  }  static {  try {  Class.forName("com.mysql.cj.jdbc.Driver");  System.out.println("loaded");  } catch (ClassNotFoundException ex) {  Logger.getLogger(DAO.class.getName()).log(Level.SEVERE, null, ex);  }  }  public void insertVoter(String fname,String lname,String gender,String pno,String email,String password) throws VoteException {  try {  String query = "INSERT INTO registeration(first\_name, last\_name, gender, phone\_no, email, password) VALUES(?,?,?,?,?,?)";  PreparedStatement ps1 = con.prepareStatement(query);  ps1.setString(1, fname);  ps1.setString(2, lname);  ps1.setString(3, gender);  ps1.setString(4, pno);  ps1.setString(5, email);  ps1.setString(6, password);      ps1.executeUpdate();  } catch (SQLException ex) {  Logger.getLogger(DAO.class.getName()).log(Level.SEVERE, null, ex);  throw new VoteException();  } finally {  try {  con.close();  } catch (SQLException ex) {  Logger.getLogger(DAO.class.getName()).log(Level.SEVERE, null, ex);  }  }  }    public void selectUser(String email,String password) throws VoteException {  try {  String query = "SELECT \* FROM registeration WHERE email=? AND password=?";  PreparedStatement ps1 = con.prepareStatement(query);  ps1.setString(1, email);  ps1.setString(2, password);      ResultSet rs = ps1.executeQuery();  if(!rs.next()) {  throw new VoteException();  }  } catch (SQLException ex) {  Logger.getLogger(DAO.class.getName()).log(Level.SEVERE, null, ex);  throw new VoteException();  } finally {  try {  con.close();  } catch (SQLException ex) {  Logger.getLogger(DAO.class.getName()).log(Level.SEVERE, null, ex);  }  }  }    public void selectAdmin(String email,String password) throws VoteException {  try {  String query = "SELECT \* FROM admin WHERE username=? AND password=?";  PreparedStatement ps1 = con.prepareStatement(query);  ps1.setString(1, email);  ps1.setString(2, password);      ResultSet rs = ps1.executeQuery();  if(!rs.next()) {  throw new VoteException();  }  } catch (SQLException ex) {  Logger.getLogger(DAO.class.getName()).log(Level.SEVERE, null, ex);  throw new VoteException();  } finally {  try {  con.close();  } catch (SQLException ex) {  Logger.getLogger(DAO.class.getName()).log(Level.SEVERE, null, ex);  }  }  }  public void insertVote(String vote) throws VoteException {    try {  String query = "INSERT INTO votes(partyid) VALUES(?)";  PreparedStatement ps1 = con.prepareStatement(query);    //String query1 = "SELECT \* FROM registeration WHERE id=?";  //PreparedStatement ps2 = con.prepareStatement(query1);    ps1.setString(1,vote);  //ps1.setString(2,query1);    ps1.executeUpdate();  } catch (SQLException ex) {  Logger.getLogger(DAO.class.getName()).log(Level.SEVERE, null, ex);  throw new VoteException();  } finally {  try {  con.close();  } catch (SQLException ex) {  Logger.getLogger(DAO.class.getName()).log(Level.SEVERE, null, ex);  }  }  }    public void resultCalc()  {  try{  String query = "SELECT \* MAX (partyname), no\_of\_votes(\*) FROM votes WHERE partyname=? AND no\_of\_votes=?";  PreparedStatement ps1 = con.prepareStatement(query);  ps1.executeUpdate();  }  catch (SQLException ex) {  Logger.getLogger(DAO.class.getName()).log(Level.SEVERE, null, ex);  //throw new VoteException();  } finally {  try {  con.close();  } catch (SQLException ex) {  Logger.getLogger(DAO.class.getName()).log(Level.SEVERE, null, ex);  }  }    }      }      **VoteException**  /\*  \* To change this license header, choose License Headers in Project Properties.  \* To change this template file, choose Tools | Templates  \* and open the template in the editor.  \*/  package myproject;  /\*\*  \*  \* @author Anagha Patil  \*/  public class VoteException extends Exception {    public VoteException()  {    }    public VoteException(String message)  {  super(message);  }  } |

**Snapshoot of Output :**

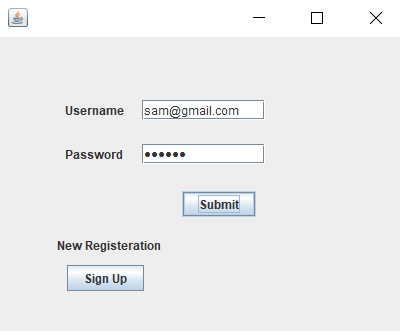
**Welcome Frame**



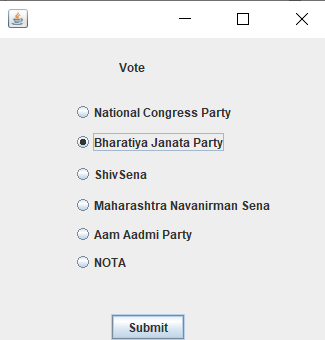
**Registration Frame**



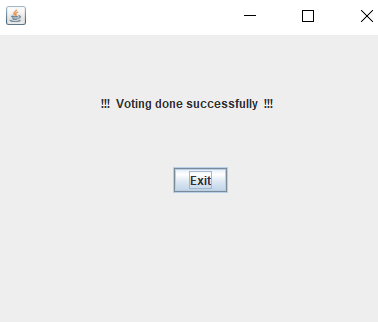
**Login Frame**



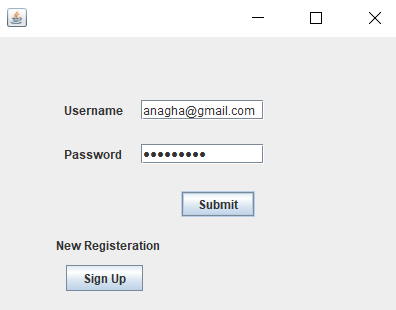
**Vote Frame**



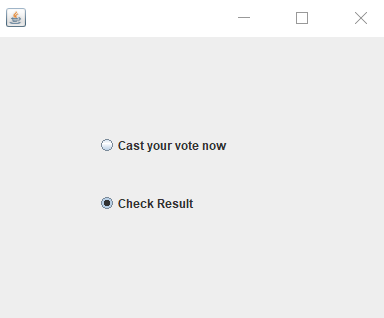
**Exit Frame**



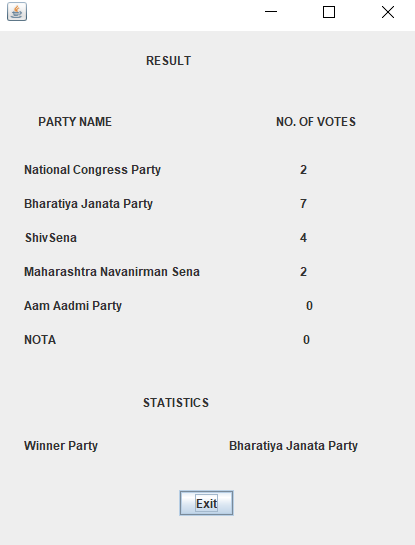
**Admin Login**



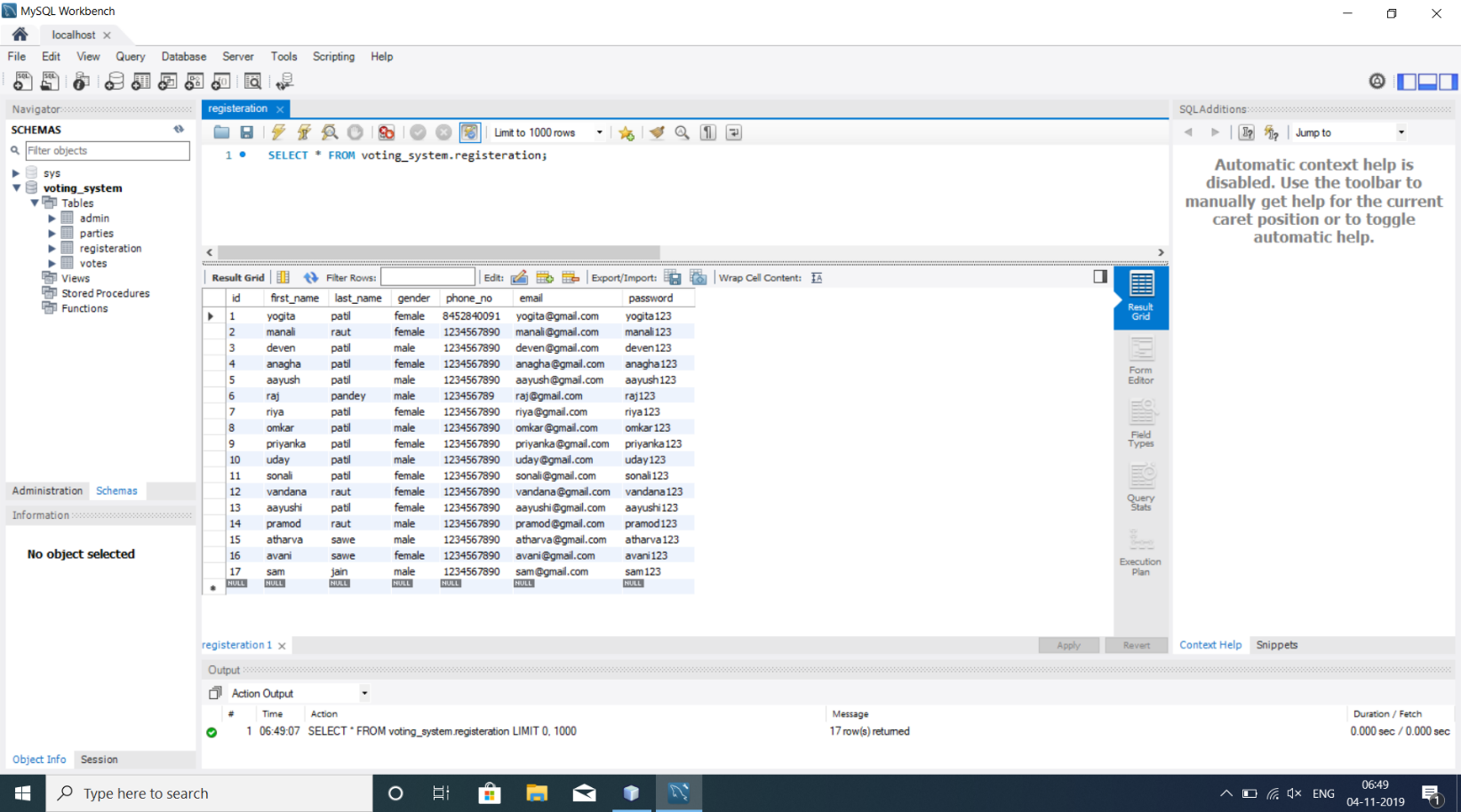
**Admin-Select Frame**



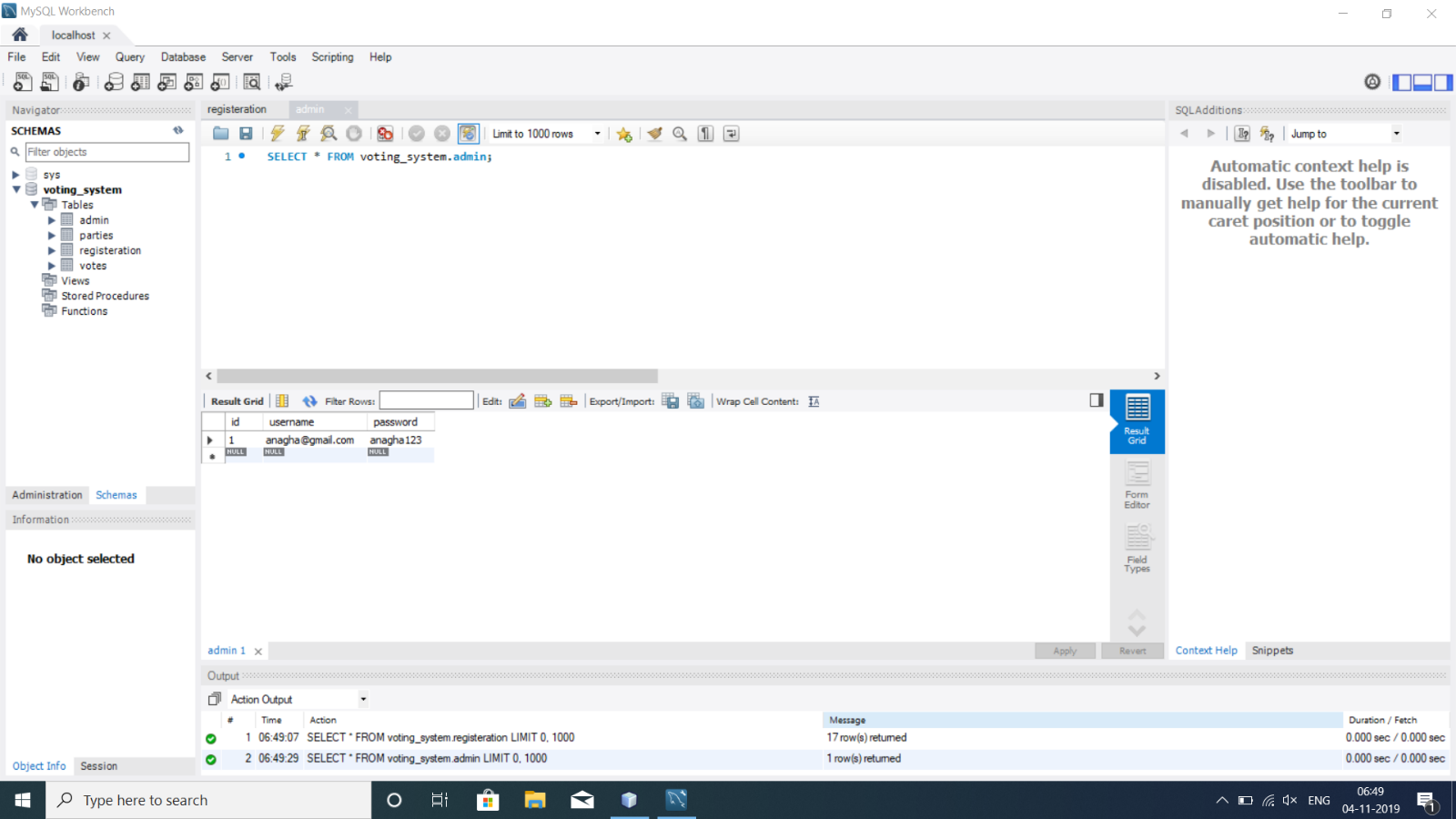
**Result**



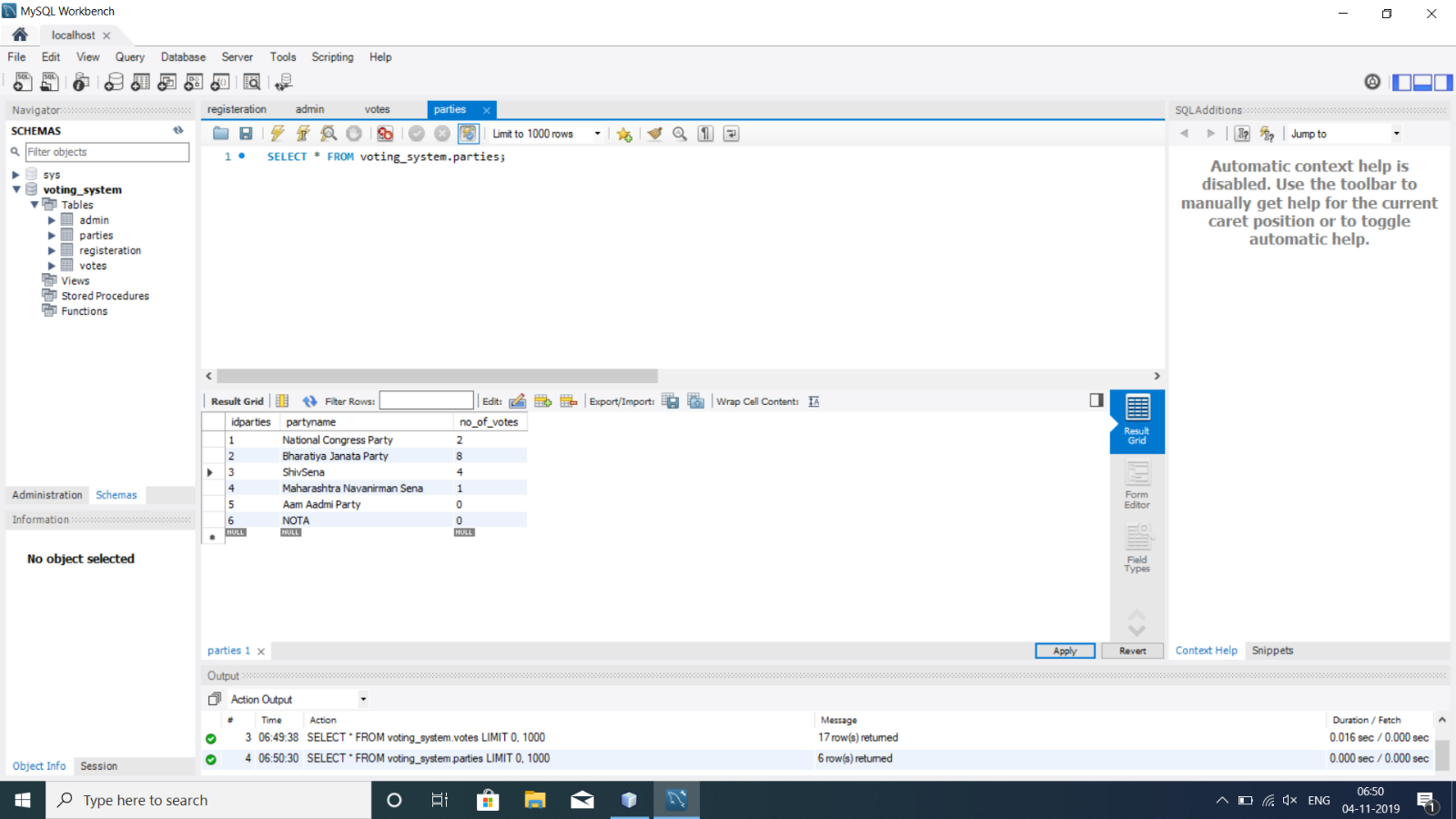
**Database-Registration Frame**



**Database-Admin**



**Database-Parties**



**Database-Votes**

