Welcome.java

package welcome;

import javax.swing.JOptionPane;

public class Welcome extends javax.swing.JFrame {

    public Welcome() {

        initComponents();

    }

    @SuppressWarnings("unchecked")

    // <editor-fold defaultstate="collapsed" desc="Generated Code">

    private void initComponents() {

        jPanel1 = new javax.swing.JPanel();

        jLabel1 = new javax.swing.JLabel();

        jLabel2 = new javax.swing.JLabel();

        nameTxt = new javax.swing.JTextField();

        jButton1 = new javax.swing.JButton();

        jLabel3 = new javax.swing.JLabel();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

        setUndecorated(true);

        jPanel1.setBackground(new java.awt.Color(255, 204, 204));

        jPanel1.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

        jLabel1.setFont(new java.awt.Font("Segoe UI", 0, 36)); // NOI18N

        jLabel1.setText("Number Gussing Game");

        jLabel2.setBackground(new java.awt.Color(153, 153, 0));

        jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 14)); // NOI18N

        jLabel2.setText("Enter Your Name :");

        nameTxt.setBackground(new java.awt.Color(255, 153, 153));

        nameTxt.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

        jButton1.setBackground(new java.awt.Color(255, 102, 102));

        jButton1.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

        jButton1.setForeground(new java.awt.Color(204, 0, 0));

        jButton1.setText("Submit");

        jButton1.addMouseListener(new java.awt.event.MouseAdapter() {

            public void mouseClicked(java.awt.event.MouseEvent evt) {

                jButton1MouseClicked(evt);

            }

        });

        jLabel3.setFont(new java.awt.Font("SansSerif", 1, 24)); // NOI18N

        jLabel3.setForeground(new java.awt.Color(255, 0, 0));

        jLabel3.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

        jLabel3.setText("X");

        jLabel3.addMouseListener(new java.awt.event.MouseAdapter() {

            public void mouseClicked(java.awt.event.MouseEvent evt) {

                jLabel3MouseClicked(evt);

            }

        });

        javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);

        jPanel1.setLayout(jPanel1Layout);

        jPanel1Layout.setHorizontalGroup(

            jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

                    .addGroup(jPanel1Layout.createSequentialGroup()

                        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

                            .addGroup(jPanel1Layout.createSequentialGroup()

                                .addGap(330, 330, 330)

                                .addComponent(jButton1))

                            .addGroup(jPanel1Layout.createSequentialGroup()

                                .addGap(237, 237, 237)

                                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

                                    .addComponent(jLabel1)

                                    .addGroup(jPanel1Layout.createSequentialGroup()

                                        .addComponent(jLabel2)

                                        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

                                        .addComponent(nameTxt, javax.swing.GroupLayout.PREFERRED\_SIZE, 240, javax.swing.GroupLayout.PREFERRED\_SIZE)))))

                        .addGap(0, 243, Short.MAX\_VALUE))

                    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

                        .addGap(0, 0, Short.MAX\_VALUE)

                        .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 25, javax.swing.GroupLayout.PREFERRED\_SIZE)))

                .addContainerGap())

        );

        jPanel1Layout.setVerticalGroup(

            jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addComponent(jLabel3)

                .addGap(34, 34, 34)

                .addComponent(jLabel1)

                .addGap(83, 83, 83)

                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 27, javax.swing.GroupLayout.PREFERRED\_SIZE)

                    .addComponent(nameTxt, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 170, Short.MAX\_VALUE)

                .addComponent(jButton1)

                .addGap(96, 96, 96))

        );

        javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

        getContentPane().setLayout(layout);

        layout.setHorizontalGroup(

            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(layout.createSequentialGroup()

                .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addGap(0, 12, Short.MAX\_VALUE))

        );

        layout.setVerticalGroup(

            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(layout.createSequentialGroup()

                .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addGap(0, 12, Short.MAX\_VALUE))

        );

        pack();

        setLocationRelativeTo(null);

    }// </editor-fold>

    private void jLabel3MouseClicked(java.awt.event.MouseEvent evt) {

        System.exit(1);

    }

    private String Name;

    private void jButton1MouseClicked(java.awt.event.MouseEvent evt) {

        if(nameTxt.getText().isEmpty()){

            JOptionPane.showMessageDialog(this,"Enter your Name!");

        }

        else{

            Name = nameTxt.getText();

            new Rules(Name).setVisible(true);

            nameTxt.setText("");

            this.dispose();

        }

    }

    /\*\*

     \* @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(Welcome.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (InstantiationException ex) {

            java.util.logging.Logger.getLogger(Welcome.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (IllegalAccessException ex) {

            java.util.logging.Logger.getLogger(Welcome.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

            java.util.logging.Logger.getLogger(Welcome.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 Welcome().setVisible(true);

            }

        });

    }

    // Variables declaration - do not modify

    private javax.swing.JButton jButton1;

    private javax.swing.JLabel jLabel1;

    private javax.swing.JLabel jLabel2;

    private javax.swing.JLabel jLabel3;

    private javax.swing.JPanel jPanel1;

    private javax.swing.JTextField nameTxt;

    // End of variables declaration

}

Rules.java

package welcome;

import javax.swing.JOptionPane;

public class Rules extends javax.swing.JFrame {

    public Rules() {

        initComponents();

    }

    private String Name;

    public Rules(String name){

        initComponents();

        Name = name;

        displayName();

    }

    private void displayName(){

        nameTxt.setText("Welcome "+ Name );

    }

     @SuppressWarnings("unchecked")

    // <editor-fold defaultstate="collapsed" desc="Generated Code">

    private void initComponents() {

        jPanel1 = new javax.swing.JPanel();

        jLabel1 = new javax.swing.JLabel();

        nameTxt = new javax.swing.JLabel();

        jButton1 = new javax.swing.JButton();

        jLabel3 = new javax.swing.JLabel();

        jButton2 = new javax.swing.JButton();

        jLabel2 = new javax.swing.JLabel();

        jTextField1 = new javax.swing.JLabel();

        jTextField2 = new javax.swing.JLabel();

        jTextField3 = new javax.swing.JLabel();

        jLabel4 = new javax.swing.JLabel();

        jButton3 = new javax.swing.JButton();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

        setUndecorated(true);

        jPanel1.setBackground(new java.awt.Color(255, 204, 204));

        jPanel1.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

        jLabel1.setFont(new java.awt.Font("Segoe UI", 0, 36)); // NOI18N

        jLabel1.setText("Number Gussing Game");

        nameTxt.setBackground(new java.awt.Color(153, 153, 0));

        nameTxt.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

        nameTxt.setText("Welcome");

        jButton1.setBackground(new java.awt.Color(255, 102, 102));

        jButton1.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

        jButton1.setForeground(new java.awt.Color(204, 0, 0));

        jButton1.setText("Next");

        jButton1.addMouseListener(new java.awt.event.MouseAdapter() {

            public void mouseClicked(java.awt.event.MouseEvent evt) {

                jButton1MouseClicked(evt);

            }

        });

        jButton1.addActionListener(new java.awt.event.ActionListener() {

            public void actionPerformed(java.awt.event.ActionEvent evt) {

                jButton1ActionPerformed(evt);

            }

        });

        jLabel3.setFont(new java.awt.Font("SansSerif", 1, 24)); // NOI18N

        jLabel3.setForeground(new java.awt.Color(255, 0, 0));

        jLabel3.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

        jLabel3.setText("X");

        jLabel3.addMouseListener(new java.awt.event.MouseAdapter() {

            public void mouseClicked(java.awt.event.MouseEvent evt) {

                jLabel3MouseClicked(evt);

            }

        });

        jButton2.setBackground(new java.awt.Color(255, 102, 102));

        jButton2.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

        jButton2.setForeground(new java.awt.Color(204, 0, 0));

        jButton2.setText("Next");

        jButton2.addMouseListener(new java.awt.event.MouseAdapter() {

            public void mouseClicked(java.awt.event.MouseEvent evt) {

                jButton2MouseClicked(evt);

            }

        });

        jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

        jLabel2.setText("1. You will be given 5 chances to play.");

        jTextField1.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

        jTextField1.setText("2.On each correct guess you will be awarded with 100 points.");

        jTextField2.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

        jTextField2.setText("3.On each incorrect guess you will loose 10 points.");

        jTextField3.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

        jTextField3.setText("4.Number to be gussed must be between 1 to 20.");

        jLabel4.setFont(new java.awt.Font("Times New Roman", 1, 36)); // NOI18N

        jLabel4.setForeground(new java.awt.Color(255, 51, 51));

        jLabel4.setText("RULES");

        jButton3.setBackground(new java.awt.Color(255, 102, 102));

        jButton3.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

        jButton3.setForeground(new java.awt.Color(204, 0, 0));

        jButton3.setText("Back");

        jButton3.addMouseListener(new java.awt.event.MouseAdapter() {

            public void mouseClicked(java.awt.event.MouseEvent evt) {

                jButton3MouseClicked(evt);

            }

        });

        jButton3.addActionListener(new java.awt.event.ActionListener() {

            public void actionPerformed(java.awt.event.ActionEvent evt) {

                jButton3ActionPerformed(evt);

            }

        });

        javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);

        jPanel1.setLayout(jPanel1Layout);

        jPanel1Layout.setHorizontalGroup(

            jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

                    .addGroup(jPanel1Layout.createSequentialGroup()

                        .addGap(385, 385, 385)

                        .addComponent(nameTxt))

                    .addGroup(jPanel1Layout.createSequentialGroup()

                        .addGap(373, 373, 373)

                        .addComponent(jLabel4)))

                .addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addGap(220, 220, 220)

                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

                    .addGroup(jPanel1Layout.createSequentialGroup()

                        .addGap(35, 35, 35)

                        .addComponent(jLabel1)

                        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

                        .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 25, javax.swing.GroupLayout.PREFERRED\_SIZE)

                        .addContainerGap())

                    .addGroup(jPanel1Layout.createSequentialGroup()

                        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

                            .addGroup(jPanel1Layout.createSequentialGroup()

                                .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 352, javax.swing.GroupLayout.PREFERRED\_SIZE)

                                .addGap(1035, 1035, 1035))

                            .addGroup(jPanel1Layout.createSequentialGroup()

                                .addGap(490, 490, 490)

                                .addComponent(jButton1)

                                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

                                .addComponent(jButton2)))

                        .addGap(0, 150, Short.MAX\_VALUE))))

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addGap(210, 210, 210)

                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

                    .addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                    .addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                    .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

                .addGap(0, 0, Short.MAX\_VALUE))

            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

                .addGroup(jPanel1Layout.createSequentialGroup()

                    .addGap(129, 129, 129)

                    .addComponent(jButton3)

                    .addContainerGap(1546, Short.MAX\_VALUE)))

        );

        jPanel1Layout.setVerticalGroup(

            jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addContainerGap()

                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

                    .addGroup(jPanel1Layout.createSequentialGroup()

                        .addComponent(jLabel3)

                        .addGap(34, 34, 34))

                    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

                        .addComponent(jLabel1)

                        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)))

                .addComponent(nameTxt, javax.swing.GroupLayout.PREFERRED\_SIZE, 35, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

                .addComponent(jLabel4)

                .addGap(55, 55, 55)

                .addComponent(jLabel2)

                .addGap(40, 40, 40)

                .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addGap(45, 45, 45)

                .addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 43, Short.MAX\_VALUE)

                .addComponent(jTextField3, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addGap(39, 39, 39)

                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(jButton1)

                    .addComponent(jButton2))

                .addGap(22, 22, 22))

            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

                .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

                    .addContainerGap(496, Short.MAX\_VALUE)

                    .addComponent(jButton3)

                    .addGap(12, 12, 12)))

        );

        javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

        getContentPane().setLayout(layout);

        layout.setHorizontalGroup(

            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(layout.createSequentialGroup()

                .addContainerGap()

                .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

        );

        layout.setVerticalGroup(

            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(layout.createSequentialGroup()

                .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addGap(0, 90, Short.MAX\_VALUE))

        );

        pack();

        setLocationRelativeTo(null);

    }// </editor-fold>

    private void jButton1MouseClicked(java.awt.event.MouseEvent evt) {

        new Plays(Name).setVisible(true);

        this.dispose();

    }

    private void jLabel3MouseClicked(java.awt.event.MouseEvent evt) {

        System.exit(1);

    }

    private void jButton2MouseClicked(java.awt.event.MouseEvent evt) {

       new Welcome().setVisible(true);

       this.dispose();

    }

    private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

        // TODO add your handling code here:

    }

    private void jButton3MouseClicked(java.awt.event.MouseEvent evt) {

        // TODO add your handling code here:

    }

    private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

        new Welcome().setVisible(true);

        setVisible(false);

    }

    /\*\*

     \* @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(Rules.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (InstantiationException ex) {

            java.util.logging.Logger.getLogger(Rules.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (IllegalAccessException ex) {

            java.util.logging.Logger.getLogger(Rules.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

            java.util.logging.Logger.getLogger(Rules.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 Rules().setVisible(true);

            }

        });

    }

    // Variables declaration - do not modify

    private javax.swing.JButton jButton1;

    private javax.swing.JButton jButton2;

    private javax.swing.JButton jButton3;

    private javax.swing.JLabel jLabel1;

    private javax.swing.JLabel jLabel2;

    private javax.swing.JLabel jLabel3;

    private javax.swing.JLabel jLabel4;

    private javax.swing.JPanel jPanel1;

    private javax.swing.JLabel jTextField1;

    private javax.swing.JLabel jTextField2;

    private javax.swing.JLabel jTextField3;

    private javax.swing.JLabel nameTxt;

    // End of variables declaration

}

Result.java

package welcome;

public class Result extends javax.swing.JFrame {

     public Result() {

        initComponents();

    }

    private String Name;

    private int Score;

    public Result(String name, int score) {

        initComponents();

        Name = name;

        Score = score;

        scoreLbl.setText(String.valueOf(Score));

         if (Score == 200) {

            msgLbl.setText("Perfect!!");

        } else if (Score > 0) {

            msgLbl.setText("Well played!!");

        } else {

            msgLbl.setText("Better luck next time!");

        }

    }

    @SuppressWarnings("unchecked")

    // <editor-fold defaultstate="collapsed" desc="Generated Code">

    private void initComponents() {

        jPanel1 = new javax.swing.JPanel();

        jLabel1 = new javax.swing.JLabel();

        jLabel2 = new javax.swing.JLabel();

        scoreLbl = new javax.swing.JTextField();

        qutBtn = new javax.swing.JButton();

        jLabel3 = new javax.swing.JLabel();

        replayBtn = new javax.swing.JButton();

        msgLbl = new javax.swing.JLabel();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

        jPanel1.setBackground(new java.awt.Color(255, 204, 204));

        jPanel1.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

        jLabel1.setFont(new java.awt.Font("Segoe UI", 0, 36)); // NOI18N

        jLabel1.setText("Number Guessing Game");

        jLabel2.setBackground(new java.awt.Color(153, 153, 0));

        jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 30)); // NOI18N

        jLabel2.setText(" Your Total Score is :");

        scoreLbl.setBackground(new java.awt.Color(255, 153, 153));

        scoreLbl.setFont(new java.awt.Font("Times New Roman", 1, 30)); // NOI18N

        scoreLbl.setText(String.valueOf(Score));

        scoreLbl.addActionListener(new java.awt.event.ActionListener() {

            public void actionPerformed(java.awt.event.ActionEvent evt) {

                scoreLblActionPerformed(evt);

            }

        });

        qutBtn.setBackground(new java.awt.Color(255, 102, 102));

        qutBtn.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

        qutBtn.setForeground(new java.awt.Color(204, 0, 0));

        qutBtn.setText("Quit");

        qutBtn.addMouseListener(new java.awt.event.MouseAdapter() {

            public void mouseClicked(java.awt.event.MouseEvent evt) {

                qutBtnMouseClicked(evt);

            }

        });

        jLabel3.setFont(new java.awt.Font("SansSerif", 1, 24)); // NOI18N

        jLabel3.setForeground(new java.awt.Color(255, 0, 0));

        jLabel3.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

        jLabel3.setText("X");

        jLabel3.addMouseListener(new java.awt.event.MouseAdapter() {

            public void mouseClicked(java.awt.event.MouseEvent evt) {

                jLabel3MouseClicked(evt);

            }

        });

        replayBtn.setBackground(new java.awt.Color(255, 102, 102));

        replayBtn.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

        replayBtn.setForeground(new java.awt.Color(204, 0, 0));

        replayBtn.setText("Replay");

        replayBtn.addMouseListener(new java.awt.event.MouseAdapter() {

            public void mouseClicked(java.awt.event.MouseEvent evt) {

                replayBtnMouseClicked(evt);

            }

        });

        msgLbl.setBackground(new java.awt.Color(153, 153, 0));

        msgLbl.setFont(new java.awt.Font("Times New Roman", 1, 30)); // NOI18N

        msgLbl.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

        msgLbl.setText("Well Played!!!");

        javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);

        jPanel1.setLayout(jPanel1Layout);

        jPanel1Layout.setHorizontalGroup(

            jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

                    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

                        .addGap(0, 0, Short.MAX\_VALUE)

                        .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 25, javax.swing.GroupLayout.PREFERRED\_SIZE))

                    .addGroup(jPanel1Layout.createSequentialGroup()

                        .addGap(258, 258, 258)

                        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)

                            .addComponent(jLabel1)

                            .addGroup(jPanel1Layout.createSequentialGroup()

                                .addComponent(jLabel2)

                                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

                                .addComponent(scoreLbl, javax.swing.GroupLayout.PREFERRED\_SIZE, 84, javax.swing.GroupLayout.PREFERRED\_SIZE)))

                        .addGap(0, 308, Short.MAX\_VALUE)))

                .addContainerGap())

            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

                .addGap(80, 80, 80)

                .addComponent(replayBtn)

                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

                .addComponent(qutBtn)

                .addGap(125, 125, 125))

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addGap(340, 340, 340)

                .addComponent(msgLbl)

                .addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

        );

        jPanel1Layout.setVerticalGroup(

            jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addComponent(jLabel3)

                .addGap(27, 27, 27)

                .addComponent(jLabel1)

                .addGap(67, 67, 67)

                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 27, javax.swing.GroupLayout.PREFERRED\_SIZE)

                    .addComponent(scoreLbl, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

                .addGap(64, 64, 64)

                .addComponent(msgLbl)

                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 93, Short.MAX\_VALUE)

                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(replayBtn)

                    .addComponent(qutBtn))

                .addGap(84, 84, 84))

        );

        javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

        getContentPane().setLayout(layout);

        layout.setHorizontalGroup(

            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(layout.createSequentialGroup()

                .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addGap(0, 0, Short.MAX\_VALUE))

        );

        layout.setVerticalGroup(

            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(layout.createSequentialGroup()

                .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addGap(0, 23, Short.MAX\_VALUE))

        );

        pack();

    }// </editor-fold>

    private void qutBtnMouseClicked(java.awt.event.MouseEvent evt) {

        System.exit(0);

    }

    private void jLabel3MouseClicked(java.awt.event.MouseEvent evt) {

        System.exit(1);

    }

    private void scoreLblActionPerformed(java.awt.event.ActionEvent evt) {

        // You can add action listener code here if needed

    }

    private void replayBtnMouseClicked(java.awt.event.MouseEvent evt) {

        new Rules(Name).setVisible(true);

        this.dispose();

    }

    public static void main(String args[]) {

        java.awt.EventQueue.invokeLater(new Runnable() {

            public void run() {

                new Result().setVisible(true);

            }

        });

    }

    private javax.swing.JLabel jLabel1;

    private javax.swing.JLabel jLabel2;

    private javax.swing.JLabel jLabel3;

    private javax.swing.JPanel jPanel1;

    private javax.swing.JLabel msgLbl;

    private javax.swing.JButton qutBtn;

    private javax.swing.JButton replayBtn;

    private javax.swing.JTextField scoreLbl;

}

Plays.java

package welcome;

import javax.swing.JOptionPane;

public class Plays extends javax.swing.JFrame {

    private String Name;

    public Plays(String name) {

        initComponents();

        Name = name;

    }

    public Plays() {

        initComponents();

    }

    @SuppressWarnings("unchecked")

    // <editor-fold defaultstate="collapsed" desc="Generated Code">

    private void initComponents() {

        jPanel1 = new javax.swing.JPanel();

        jLabel1 = new javax.swing.JLabel();

        jLabel2 = new javax.swing.JLabel();

        guessTxt = new javax.swing.JTextField();

        jButton1 = new javax.swing.JButton();

        jLabel3 = new javax.swing.JLabel();

        jLabel4 = new javax.swing.JLabel();

        scoreLbl = new javax.swing.JLabel();

        chanceLbl = new javax.swing.JLabel();

        jLabel7 = new javax.swing.JLabel();

        resLbl = new javax.swing.JLabel();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

        setUndecorated(true);

        jPanel1.setBackground(new java.awt.Color(255, 204, 204));

        jPanel1.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

        jLabel1.setFont(new java.awt.Font("Segoe UI", 0, 36)); // NOI18N

        jLabel1.setText("Number Gussing Game");

        jLabel2.setBackground(new java.awt.Color(153, 153, 0));

        jLabel2.setFont(new java.awt.Font("Times Now Remaning", 1, 18)); // NOI18N

        jLabel2.setText("5");

        guessTxt.setBackground(new java.awt.Color(255, 153, 153));

        guessTxt.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

        jButton1.setBackground(new java.awt.Color(255, 102, 102));

        jButton1.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

        jButton1.setForeground(new java.awt.Color(204, 0, 0));

        jButton1.setText("Guess");

        jButton1.addMouseListener(new java.awt.event.MouseAdapter() {

            @Override

            public void mouseClicked(java.awt.event.MouseEvent evt) {

                jButton1MouseClicked(evt);

            }

        });

        jLabel3.setFont(new java.awt.Font("SansSerif", 1, 24)); // NOI18N

        jLabel3.setForeground(new java.awt.Color(255, 0, 0));

        jLabel3.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);

        jLabel3.setText("X");

        jLabel3.addMouseListener(new java.awt.event.MouseAdapter() {

            @Override

            public void mouseClicked(java.awt.event.MouseEvent evt) {

                jLabel3MouseClicked(evt);

            }

        });

        jLabel4.setBackground(new java.awt.Color(153, 153, 0));

        jLabel4.setFont(new java.awt.Font("Times New Roman", 1, 14)); // NOI18N

        jLabel4.setText("Enter Number 1-20");

        scoreLbl.setBackground(new java.awt.Color(153, 153, 0));

        scoreLbl.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

        scoreLbl.setText("Score:");

        chanceLbl.setBackground(new java.awt.Color(153, 153, 0));

        chanceLbl.setFont(new java.awt.Font("Times Now Remainig", 1, 18)); // NOI18N

        chanceLbl.setText("Chances Left:");

        jLabel7.setBackground(new java.awt.Color(153, 153, 0));

        jLabel7.setFont(new java.awt.Font("Times Now remaning", 1, 18)); // NOI18N

        jLabel7.setText("0000");

        resLbl.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N

        javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);

        jPanel1.setLayout(jPanel1Layout);

        jPanel1Layout.setHorizontalGroup(

            jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

                    .addGroup(jPanel1Layout.createSequentialGroup()

                        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

                            .addGroup(jPanel1Layout.createSequentialGroup()

                                .addGap(330, 330, 330)

                                .addComponent(jButton1))

                            .addGroup(jPanel1Layout.createSequentialGroup()

                                .addGap(237, 237, 237)

                                .addComponent(jLabel1))

                            .addGroup(jPanel1Layout.createSequentialGroup()

                                .addGap(289, 289, 289)

                                .addComponent(jLabel4)

                                .addGap(29, 29, 29)

                                .addComponent(guessTxt, javax.swing.GroupLayout.PREFERRED\_SIZE, 138, javax.swing.GroupLayout.PREFERRED\_SIZE)))

                        .addGap(0, 266, Short.MAX\_VALUE))

                    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

                        .addGap(0, 0, Short.MAX\_VALUE)

                        .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED\_SIZE, 25, javax.swing.GroupLayout.PREFERRED\_SIZE)))

                .addContainerGap())

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addGap(63, 63, 63)

                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

                    .addGroup(jPanel1Layout.createSequentialGroup()

                        .addComponent(resLbl, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

                        .addContainerGap())

                    .addGroup(jPanel1Layout.createSequentialGroup()

                        .addComponent(chanceLbl)

                        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

                        .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 31, javax.swing.GroupLayout.PREFERRED\_SIZE)

                        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

                        .addComponent(scoreLbl)

                        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

                        .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED\_SIZE, 31, javax.swing.GroupLayout.PREFERRED\_SIZE)

                        .addGap(154, 154, 154))))

        );

        jPanel1Layout.setVerticalGroup(

            jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addComponent(jLabel3)

                .addGap(3, 3, 3)

                .addComponent(jLabel1)

                .addGap(32, 32, 32)

                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(scoreLbl, javax.swing.GroupLayout.PREFERRED\_SIZE, 27, javax.swing.GroupLayout.PREFERRED\_SIZE)

                    .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED\_SIZE, 27, javax.swing.GroupLayout.PREFERRED\_SIZE)

                    .addComponent(chanceLbl, javax.swing.GroupLayout.PREFERRED\_SIZE, 27, javax.swing.GroupLayout.PREFERRED\_SIZE)

                    .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED\_SIZE, 27, javax.swing.GroupLayout.PREFERRED\_SIZE))

                .addGap(65, 65, 65)

                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                    .addComponent(guessTxt, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                    .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED\_SIZE, 27, javax.swing.GroupLayout.PREFERRED\_SIZE))

                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 77, Short.MAX\_VALUE)

                .addComponent(resLbl, javax.swing.GroupLayout.PREFERRED\_SIZE, 41, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addGap(43, 43, 43)

                .addComponent(jButton1)

                .addGap(96, 96, 96))

        );

        javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

        getContentPane().setLayout(layout);

        layout.setHorizontalGroup(

            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(layout.createSequentialGroup()

                .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addGap(0, 0, Short.MAX\_VALUE))

        );

        layout.setVerticalGroup(

            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

            .addGroup(layout.createSequentialGroup()

                .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

                .addGap(0, 0, Short.MAX\_VALUE))

        );

        pack();

        setLocationRelativeTo(null);

    }// </editor-fold>

 private void jButton1MouseClicked(java.awt.event.MouseEvent evt) {

    if (guessTxt.getText().isEmpty() || !guessTxt.getText().matches("\\d+") || Integer.parseInt(guessTxt.getText()) <= 0 || Integer.parseInt(guessTxt.getText()) > 20) {

        JOptionPane.showMessageDialog(this, "Enter a valid number between 1-20!");

    } else {

        int random = 1 + (int) (Math.random() \* 20);

        int guess = Integer.parseInt(guessTxt.getText());

        if (guess == random) {

            resLbl.setText("Congratulations! Your guess is correct!!!");

            int currentScore = Integer.parseInt(jLabel7.getText());

            jLabel7.setText(String.valueOf(currentScore + 100));

        } else {

            resLbl.setText("Oops! Your guess is incorrect. The correct number is " + random);

            int currentScore = Integer.parseInt(jLabel7.getText());

            jLabel7.setText(String.valueOf(currentScore - 20));

        }

        guessTxt.setText("");

        int remainingChances = Integer.parseInt(jLabel2.getText()) - 1;

        jLabel2.setText(String.valueOf(remainingChances));

        if (remainingChances == 0) {

    int score = Integer.parseInt(jLabel7.getText());

    System.out.println(Name + " " + "Final Score: " + score);

    new Result(Name,score).setVisible(true);

    // new Result(Name, score).setVisible(true); // Uncomment this line if you have a Result class

    // this.dispose();

}

    }

}

    private void jLabel3MouseClicked(java.awt.event.MouseEvent evt) {

        System.exit(1);

    }

    public static void main(String args[]) {

        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(Plays.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (InstantiationException ex) {

            java.util.logging.Logger.getLogger(Plays.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (IllegalAccessException ex) {

            java.util.logging.Logger.getLogger(Plays.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

            java.util.logging.Logger.getLogger(Plays.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

        }

        java.awt.EventQueue.invokeLater(new Runnable() {

            @Override

            public void run() {

                new Plays().setVisible(true);

            }

        });

    }

    private javax.swing.JLabel chanceLbl;

    private javax.swing.JTextField guessTxt;

    private javax.swing.JButton jButton1;

    private javax.swing.JLabel jLabel1;

    private javax.swing.JLabel jLabel2;

    private javax.swing.JLabel jLabel3;

    private javax.swing.JLabel jLabel4;

    private javax.swing.JLabel jLabel7;

    private javax.swing.JPanel jPanel1;

    private javax.swing.JLabel resLbl;

    private javax.swing.JLabel scoreLbl;

}