**Class Tebak.java**

package TebakAngka;  
  
import javax.swing.JOptionPane;  
  
public class Tebak {  
 static int *skor* = 20;  
 static int *angka* = (int)(Math.*random*()\*100+1);  
 static String *hint*;  
 public static int getSkor(){  
 return *skor*;  
 }  
 public static String getHint(){  
 return *hint*;  
 }  
 public static void reset(){  
 *skor* = 20;  
 *angka* = (int)(Math.*random*()\*100+1);  
 }  
 public static void cek(int tebak){  
 if(*skor* >= 2){  
 if(tebak == *angka*){  
 *skor*=*skor*\*100;  
 *hint* = "tebakan benar";  
 JOptionPane.*showMessageDialog*(null, "Selamat Anda Menang", "Congratulations", JOptionPane.*INFORMATION\_MESSAGE*);  
 } else if(tebak < *angka*){  
 *skor* = *skor*-2;  
 *hint* = "terlalu kecil";  
 } else {  
 *skor* = *skor*-2;  
 *hint* = "terlalu besar";  
 }  
 } else {  
 *hint* = "";  
 }  
 if(*skor* == 0){  
 *hint* = "";  
 JOptionPane.*showMessageDialog*(null, "Yahhh Kalah", "ALERT!!!", JOptionPane.*INFORMATION\_MESSAGE*);  
 }  
 }  
}

**Identitas.java**

package TebakAngka;  
  
import javax.swing.ImageIcon;  
  
public class Identitas extends javax.swing.JFrame {  
  
 ImageIcon Image1 = new ImageIcon("zaki.png");  
 ImageIcon Image2 = new ImageIcon("alif.jpeg");  
 public Identitas() {  
 initComponents();  
 this.setLocationRelativeTo(null);  
 jLabel2.setText("");  
 jLabel2.setIcon(Image1);  
 jLabel4.setText("");  
 jLabel4.setIcon(Image2);  
 }  
  
 */\*\*  
 \* 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">   
 private void initComponents() {  
  
 jLabel2 = new javax.swing.JLabel();  
 jLabel1 = new javax.swing.JLabel();  
 jLabel3 = new javax.swing.JLabel();  
 jLabel4 = new javax.swing.JLabel();  
 jLabel5 = new javax.swing.JLabel();  
 jLabel6 = new javax.swing.JLabel();  
  
 setDefaultCloseOperation(javax.swing.WindowConstants.*EXIT\_ON\_CLOSE*);  
 setTitle("Identitas");  
 setBackground(new java.awt.Color(204, 153, 255));  
  
 jLabel2.setText("Foto1");  
  
 jLabel1.setFont(new java.awt.Font("SansSerif", 0, 14)); // NOI18N  
 jLabel1.setText("Ahmad Hisbu Zakiyudin");  
  
 jLabel3.setFont(new java.awt.Font("SansSerif", 0, 14)); // NOI18N  
 jLabel3.setText("5002201148");  
  
 jLabel4.setText("Foto2");  
  
 jLabel5.setFont(new java.awt.Font("SansSerif", 0, 14)); // NOI18N  
 jLabel5.setText("Alif Hibatullah Rapsodi");  
  
 jLabel6.setFont(new java.awt.Font("SansSerif", 0, 14)); // NOI18N  
 jLabel6.setText("5002201154");  
  
 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(27, 27, 27)  
 .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
 .addComponent(jLabel2)  
 .addComponent(jLabel1)  
 .addComponent(jLabel3))  
 .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 50, Short.MAX\_VALUE)  
 .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
 .addComponent(jLabel4)  
 .addComponent(jLabel5)  
 .addComponent(jLabel6))  
 .addGap(27, 27, 27))  
 );  
 layout.setVerticalGroup(  
 layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)  
 .addGroup(layout.createSequentialGroup()  
 .addGap(28, 28, 28)  
 .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  
 .addComponent(jLabel1)  
 .addComponent(jLabel5))  
 .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
 .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  
 .addComponent(jLabel3)  
 .addComponent(jLabel6))  
 .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)  
 .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)  
 .addComponent(jLabel2)  
 .addComponent(jLabel4))  
 .addGap(28, 28, 28))  
 );  
  
 pack();  
 }// </editor-fold>   
  
 */\*\*  
 \** ***@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(Identitas.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  
 } catch (InstantiationException ex) {  
 java.util.logging.Logger.getLogger(Identitas.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  
 } catch (IllegalAccessException ex) {  
 java.util.logging.Logger.getLogger(Identitas.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);  
 } catch (javax.swing.UnsupportedLookAndFeelException ex) {  
 java.util.logging.Logger.getLogger(Identitas.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 Identitas().setVisible(true);  
 }  
 });  
 }  
  
 // Variables declaration - do not modify   
 private javax.swing.JLabel jLabel1;  
 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;  
 // End of variables declaration   
}

**GUI.java**

package TebakAngka;  
  
import javax.swing.JOptionPane;  
  
public class GUI extends javax.swing.JFrame {  
  
 */\*\*  
 \* Creates new form GUI  
 \*/* private int skor = 20;  
 private int angka = 20;  
 public GUI() {  
 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">   
 private void initComponents() {  
  
 jLabel3 = new javax.swing.JLabel();  
 jPanel1 = new javax.swing.JPanel();  
 txtTebakan = new javax.swing.JTextField();  
 txtHint = new javax.swing.JTextField();  
 txtSkor = new javax.swing.JTextField();  
 btTebak = new javax.swing.JButton();  
 btReset = new javax.swing.JButton();  
 jLabel1 = new javax.swing.JLabel();  
 jLabel2 = new javax.swing.JLabel();  
 jLabel4 = new javax.swing.JLabel();  
 jLabel5 = new javax.swing.JLabel();  
 jLabel6 = new javax.swing.JLabel();  
 jButton1 = new javax.swing.JButton();  
  
 jLabel3.setText("jLabel3");  
  
 setDefaultCloseOperation(javax.swing.WindowConstants.*EXIT\_ON\_CLOSE*);  
 setTitle("Permainan Tebak Angka");  
  
 jPanel1.setBackground(new java.awt.Color(204, 102, 255));  
 jPanel1.setBorder(new javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.*RAISED*));  
  
 txtTebakan.setFont(new java.awt.Font("SansSerif", 0, 14)); // NOI18N  
 txtTebakan.addActionListener(new java.awt.event.ActionListener() {  
 public void actionPerformed(java.awt.event.ActionEvent evt) {  
 txtTebakanActionPerformed(evt);  
 }  
 });  
  
 txtHint.setEditable(false);  
 txtHint.setFont(new java.awt.Font("SansSerif", 0, 14)); // NOI18N  
  
 txtSkor.setEditable(false);  
 txtSkor.setFont(new java.awt.Font("SansSerif", 0, 14)); // NOI18N  
 txtSkor.setText("20");  
  
 btTebak.setFont(new java.awt.Font("SansSerif", 0, 14)); // NOI18N  
 btTebak.setText("Tebak");  
 btTebak.addActionListener(new java.awt.event.ActionListener() {  
 public void actionPerformed(java.awt.event.ActionEvent evt) {  
 btTebakActionPerformed(evt);  
 }  
 });  
  
 btReset.setFont(new java.awt.Font("SansSerif", 0, 14)); // NOI18N  
 btReset.setText("Reset");  
 btReset.addActionListener(new java.awt.event.ActionListener() {  
 public void actionPerformed(java.awt.event.ActionEvent evt) {  
 btResetActionPerformed(evt);  
 }  
 });  
  
 jLabel1.setBackground(new java.awt.Color(255, 204, 204));  
 jLabel1.setFont(new java.awt.Font("SansSerif", 1, 24)); // NOI18N  
 jLabel1.setForeground(new java.awt.Color(255, 255, 255));  
 jLabel1.setText("Permainan Tebak Angka");  
  
 jLabel2.setFont(new java.awt.Font("SansSerif", 1, 14)); // NOI18N  
 jLabel2.setForeground(new java.awt.Color(255, 255, 255));  
 jLabel2.setText("Tebakan");  
  
 jLabel4.setFont(new java.awt.Font("SansSerif", 1, 14)); // NOI18N  
 jLabel4.setForeground(new java.awt.Color(255, 255, 255));  
 jLabel4.setText("Hint");  
  
 jLabel5.setFont(new java.awt.Font("SansSerif", 1, 14)); // NOI18N  
 jLabel5.setForeground(new java.awt.Color(255, 255, 255));  
 jLabel5.setText("Total Skor");  
  
 jButton1.setFont(new java.awt.Font("SansSerif", 0, 14)); // NOI18N  
 jButton1.setText("Identitas");  
 jButton1.addActionListener(new java.awt.event.ActionListener() {  
 public void actionPerformed(java.awt.event.ActionEvent evt) {  
 jButton1ActionPerformed(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()  
 .addGap(50, 50, 50)  
 .addComponent(jLabel1)  
 .addContainerGap(javax.swing.GroupLayout.*DEFAULT\_SIZE*, Short.*MAX\_VALUE*))  
 .addGroup(javax.swing.GroupLayout.Alignment.*TRAILING*, jPanel1Layout.createSequentialGroup()  
 .addContainerGap(javax.swing.GroupLayout.*DEFAULT\_SIZE*, Short.*MAX\_VALUE*)  
 .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.*LEADING*)  
 .addComponent(jLabel6)  
 .addGroup(jPanel1Layout.createSequentialGroup()  
 .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.*LEADING*)  
 .addComponent(jLabel4)  
 .addComponent(jLabel5)  
 .addComponent(jLabel2))  
 .addGap(18, 18, 18)  
 .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.*LEADING*)  
 .addComponent(txtHint, javax.swing.GroupLayout.*PREFERRED\_SIZE*, 129, javax.swing.GroupLayout.*PREFERRED\_SIZE*)  
 .addComponent(txtTebakan, javax.swing.GroupLayout.*PREFERRED\_SIZE*, 129, javax.swing.GroupLayout.*PREFERRED\_SIZE*)  
 .addComponent(txtSkor, javax.swing.GroupLayout.*PREFERRED\_SIZE*, 129, javax.swing.GroupLayout.*PREFERRED\_SIZE*))  
 .addGap(30, 30, 30)  
 .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.*LEADING*)  
 .addComponent(jButton1)  
 .addComponent(btTebak)  
 .addComponent(btReset))))  
 .addGap(38, 38, 38))  
 );  
 jPanel1Layout.setVerticalGroup(  
 jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.*LEADING*)  
 .addGroup(jPanel1Layout.createSequentialGroup()  
 .addContainerGap(23, Short.*MAX\_VALUE*)  
 .addComponent(jLabel1)  
 .addGap(18, 18, 18)  
 .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.*BASELINE*)  
 .addComponent(txtTebakan, javax.swing.GroupLayout.*PREFERRED\_SIZE*, javax.swing.GroupLayout.*DEFAULT\_SIZE*, javax.swing.GroupLayout.*PREFERRED\_SIZE*)  
 .addComponent(btTebak)  
 .addComponent(jLabel2))  
 .addGap(18, 18, 18)  
 .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.*BASELINE*)  
 .addComponent(txtHint, javax.swing.GroupLayout.*PREFERRED\_SIZE*, javax.swing.GroupLayout.*DEFAULT\_SIZE*, javax.swing.GroupLayout.*PREFERRED\_SIZE*)  
 .addComponent(btReset)  
 .addComponent(jLabel4))  
 .addGap(18, 18, 18)  
 .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.*BASELINE*)  
 .addComponent(txtSkor, javax.swing.GroupLayout.*PREFERRED\_SIZE*, javax.swing.GroupLayout.*DEFAULT\_SIZE*, javax.swing.GroupLayout.*PREFERRED\_SIZE*)  
 .addComponent(jLabel5)  
 .addComponent(jButton1))  
 .addGap(18, 18, 18)  
 .addComponent(jLabel6))  
 );  
  
 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.*DEFAULT\_SIZE*, javax.swing.GroupLayout.*DEFAULT\_SIZE*, Short.*MAX\_VALUE*)  
 .addContainerGap())  
 );  
 layout.setVerticalGroup(  
 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())  
 );  
  
 pack();  
 }// </editor-fold>   
  
 private void txtTebakanActionPerformed(java.awt.event.ActionEvent evt) {  
 // *TODO add your handling code here:* }  
  
 private void btTebakActionPerformed(java.awt.event.ActionEvent evt) {  
 int tebakan;  
 tebakan = Integer.*parseInt*(txtTebakan.getText());  
 if(Tebak.getSkor()>0 && Tebak.getSkor()<=20){  
 if(tebakan>=1 && tebakan<=100){  
 Tebak.cek(tebakan);  
 txtHint.setText(Tebak.getHint());  
 txtSkor.setText(Integer.*toString*(Tebak.getSkor()));  
 } else {  
 JOptionPane.*showMessageDialog*(null, "Tebakan harus berada di antara 1-100", "Input di Luar Interval", JOptionPane.*INFORMATION\_MESSAGE*);  
  
 }  
 } else if(Tebak.getSkor()>20){  
 JOptionPane.*showMessageDialog*(null, "Silakan pencet reset", "Anda sudah Menang", JOptionPane.*INFORMATION\_MESSAGE*);  
 } else {  
 JOptionPane.*showMessageDialog*(null, "Silakan pencet reset", "Anda sudah Kalah", JOptionPane.*INFORMATION\_MESSAGE*);  
 }  
 }  
  
  
 private void btResetActionPerformed(java.awt.event.ActionEvent evt) {  
 Tebak.reset();  
 txtTebakan.setText("");  
 txtHint.setText("");  
 txtSkor.setText("20");  
 }  
  
 private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {  
 Identitas log = new Identitas();  
 log.setVisible(true);  
 log.pack();  
 log.setLocationRelativeTo(null);  
 log.setDefaultCloseOperation(Identitas.EXIT\_ON\_CLOSE);  
 }  
  
 */\*\*  
 \** ***@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*(GUI.class.getName()).log(java.util.logging.Level.*SEVERE*, null, ex);  
 } catch (InstantiationException ex) {  
 java.util.logging.Logger.*getLogger*(GUI.class.getName()).log(java.util.logging.Level.*SEVERE*, null, ex);  
 } catch (IllegalAccessException ex) {  
 java.util.logging.Logger.*getLogger*(GUI.class.getName()).log(java.util.logging.Level.*SEVERE*, null, ex);  
 } catch (javax.swing.UnsupportedLookAndFeelException ex) {  
 java.util.logging.Logger.*getLogger*(GUI.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 GUI().setVisible(true);  
 }  
 });  
 }  
  
 // Variables declaration - do not modify   
 private javax.swing.JButton btReset;  
 private javax.swing.JButton btTebak;  
 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 jLabel5;  
 private javax.swing.JLabel jLabel6;  
 private javax.swing.JPanel jPanel1;  
 private javax.swing.JTextField txtHint;  
 private javax.swing.JTextField txtSkor;  
 private javax.swing.JTextField txtTebakan;  
 // End of variables declaration   
}