

```

/*
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 */
package hesapnmainesi;

/**
 *
 * @author Simay
 */
public class hesapmakinesi extends javax.swing.JFrame {

    /**
     * Creates new form hesapmakinesi
     */
    public hesapmakinesi() {
        initComponents();
        jButton2.setEnabled(false);
    }

    double num1,num2,result;

    String opr;

    public void enable()
    {
        jTextField1.setEnabled(true);

        jButton2.setEnabled(false);
        jButton1.setEnabled(true);
        jButton3.setEnabled(true);
        jButton4.setEnabled(true);
        jButton5.setEnabled(true);
        jButton6.setEnabled(true);
        jButton7.setEnabled(true);
        jButton8.setEnabled(true);
        jButton9.setEnabled(true);
        jButton10.setEnabled(true);
        jButton11.setEnabled(true);
        jButton12.setEnabled(true);
        jButton13.setEnabled(true);
        jButton14.setEnabled(true);
        jButton15.setEnabled(true);
        jButton16.setEnabled(true);
        jButton17.setEnabled(true);
        jButton18.setEnabled(true);
        jButton19.setEnabled(true);
        jButton20.setEnabled(true);
        jButton21.setEnabled(true);
        jButton22.setEnabled(true);
        jButton23.setEnabled(true);
    }
}

```

```
jButton24.setEnabled(true);
jButton25.setEnabled(true);
jButton26.setEnabled(true);
jButton27.setEnabled(true);
jButton28.setEnabled(true);
jButton29.setEnabled(true);
jButton30.setEnabled(true);
jButton31.setEnabled(true);
jButton32.setEnabled(true);
jButton33.setEnabled(true);
jButton34.setEnabled(true);
jButton35.setEnabled(true);
jButton36.setEnabled(true);
jButton37.setEnabled(true);
jButton38.setEnabled(true);
jButton39.setEnabled(true);
jButton40.setEnabled(true);
jButton41.setEnabled(true);
jButton42.setEnabled(true);
jButton43.setEnabled(true);
jButton44.setEnabled(true);
jButton45.setEnabled(true);
jButton46.setEnabled(true);
jButton47.setEnabled(true);
jButton48.setEnabled(true);
jButton49.setEnabled(true);
jButton50.setEnabled(true);
```

```
}
```

```
public void disable()
```

```
{
```

```
    jTextField1.setEnabled(false);
```

```
    jRadioButton2.setEnabled(true);
```

```
    jRadioButton1.setEnabled(false);
```

```
    jButton1.setEnabled(false);
```

```
    jButton2.setEnabled(false);
```

```
    jButton3.setEnabled(false);
```

```
    jButton4.setEnabled(false);
```

```
    jButton5.setEnabled(false);
```

```
    jButton6.setEnabled(false);
```

```
    jButton6.setEnabled(false);
```

```
    jButton7.setEnabled(false);
```

```
    jButton8.setEnabled(false);
```

```
    jButton9.setEnabled(false);
```

```
    jButton10.setEnabled(false);
```

```
    jButton11.setEnabled(false);
```

```
    jButton12.setEnabled(false);
```

```
    jButton13.setEnabled(false);
```

```
    jButton14.setEnabled(false);
```

```
    jButton15.setEnabled(false);
```

```
    jButton16.setEnabled(false);
```

```

jButton17.setEnabled(false);
jButton18.setEnabled(false);
jButton19.setEnabled(false);
jButton20.setEnabled(false);
jButton21.setEnabled(false);
jButton22.setEnabled(false);
jButton23.setEnabled(false);
jButton24.setEnabled(false);
jButton25.setEnabled(false);
jButton26.setEnabled(false);
jButton27.setEnabled(false);
jButton28.setEnabled(false);
jButton29.setEnabled(false);
jButton30.setEnabled(false);
jButton31.setEnabled(false);
jButton32.setEnabled(false);
jButton33.setEnabled(false);
jButton34.setEnabled(false);
jButton35.setEnabled(false);
jButton36.setEnabled(false);
jButton37.setEnabled(false);
jButton38.setEnabled(false);
jButton39.setEnabled(false);
jButton40.setEnabled(false);
jButton41.setEnabled(false);
jButton42.setEnabled(false);
jButton43.setEnabled(false);
jButton44.setEnabled(false);
jButton45.setEnabled(false);
jButton46.setEnabled(false);
jButton47.setEnabled(false);
jButton48.setEnabled(false);
jButton49.setEnabled(false);
jButton50.setEnabled(false);

}

/**
 * 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() {

    jColorChooser1 = new javax.swing.JColorChooser();
    jTextField1 = new javax.swing.JTextField();
    jButton3 = new javax.swing.JButton();
    jButton1 = new javax.swing.JButton();
    jButton5 = new javax.swing.JButton();
    jButton2 = new javax.swing.JButton();
    jButton7 = new javax.swing.JButton();

```

```
jButton8 = new javax.swing.JButton();
jButton9 = new javax.swing.JButton();
jButton10 = new javax.swing.JButton();
jButton11 = new javax.swing.JButton();
jButton12 = new javax.swing.JButton();
jButton13 = new javax.swing.JButton();
jButton14 = new javax.swing.JButton();
jButton15 = new javax.swing.JButton();
jButton16 = new javax.swing.JButton();
jButton17 = new javax.swing.JButton();
jButton18 = new javax.swing.JButton();
jButton19 = new javax.swing.JButton();
jButton20 = new javax.swing.JButton();
jButton22 = new javax.swing.JButton();
jbtnCE1 = new javax.swing.JButton();
jbtnBS1 = new javax.swing.JButton();
jButton6 = new javax.swing.JButton();
jbtnC1 = new javax.swing.JButton();
jButton23 = new javax.swing.JButton();
jButton24 = new javax.swing.JButton();
jButton25 = new javax.swing.JButton();
jButton26 = new javax.swing.JButton();
jRadioButton1 = new javax.swing.JRadioButton();
jRadioButton2 = new javax.swing.JRadioButton();
jButton4 = new javax.swing.JButton();
jButton27 = new javax.swing.JButton();
jButton28 = new javax.swing.JButton();
jButton29 = new javax.swing.JButton();
jButton30 = new javax.swing.JButton();
jButton31 = new javax.swing.JButton();
jButton32 = new javax.swing.JButton();
jButton33 = new javax.swing.JButton();
jButton34 = new javax.swing.JButton();
jButton35 = new javax.swing.JButton();
jbtnBS3 = new javax.swing.JButton();
jButton36 = new javax.swing.JButton();
jButton37 = new javax.swing.JButton();
jButton38 = new javax.swing.JButton();
jButton21 = new javax.swing.JButton();
jButton39 = new javax.swing.JButton();
jButton40 = new javax.swing.JButton();
jButton41 = new javax.swing.JButton();
jButton42 = new javax.swing.JButton();
jButton43 = new javax.swing.JButton();
jButton44 = new javax.swing.JButton();
jButton45 = new javax.swing.JButton();
jButton46 = new javax.swing.JButton();
jButton47 = new javax.swing.JButton();
jbtnBS5 = new javax.swing.JButton();
jButton48 = new javax.swing.JButton();
jButton49 = new javax.swing.JButton();
jButton50 = new javax.swing.JButton();
jPanel1 = new javax.swing.JPanel();
jPanel2 = new javax.swing.JPanel();
jLabel1 = new javax.swing.JLabel();
```

```

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setBackground(new java.awt.Color(189, 159, 194));
getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());

jTextField1.setFont(new java.awt.Font("Segoe UI", 0, 24)); // NOI18N
jTextField1.setHorizontalAlignment(javax.swing.JTextField.RIGHT);
jTextField1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jTextField1ActionPerformed(evt);
    }
});
getContentPane().add(jTextField1, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 60, 620, 70));
jTextField1.getAccessibleContext().setAccessibleName("jTextField1");

jButton3.setBackground(new java.awt.Color(89, 26, 94));
jButton3.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton3.setForeground(new java.awt.Color(255, 255, 255));
jButton3.setText("CE");
jButton3.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
    }
});
getContentPane().add(jButton3, new org.netbeans.lib.awtextra.AbsoluteConstraints(570, 170, 80, 77));

jButton1.setBackground(new java.awt.Color(89, 26, 94));
jButton1.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton1.setForeground(new java.awt.Color(255, 255, 255));
jButton1.setText("+/-");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});
getContentPane().add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(300, 170, 80, 77));

jButton5.setBackground(new java.awt.Color(89, 26, 94));
jButton5.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton5.setForeground(new java.awt.Color(255, 255, 255));
jButton5.setText("%");
jButton5.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton5ActionPerformed(evt);
    }
});
getContentPane().add(jButton5, new org.netbeans.lib.awtextra.AbsoluteConstraints(390, 170, 80, 77));

jButton2.setBackground(new java.awt.Color(89, 26, 94));
jButton2.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton2.setForeground(new java.awt.Color(255, 255, 255));

```

```
jButton2.setText("C");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});
getContentPane().add(jButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(480, 170, 80, 77
));
```

```
jButton7.setBackground(new java.awt.Color(35, 30, 33));
jButton7.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton7.setForeground(new java.awt.Color(255, 255, 255));
jButton7.setText("x");
jButton7.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton7ActionPerformed(evt);
    }
});
getContentPane().add(jButton7, new org.netbeans.lib.awtextra.AbsoluteConstraints(570, 260, 80, 77
));
```

```
jButton8.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton8.setText("1");
jButton8.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton8ActionPerformed(evt);
    }
});
getContentPane().add(jButton8, new org.netbeans.lib.awtextra.AbsoluteConstraints(300, 260, 80, 77
));
```

```
jButton9.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton9.setText("2");
jButton9.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton9ActionPerformed(evt);
    }
});
getContentPane().add(jButton9, new org.netbeans.lib.awtextra.AbsoluteConstraints(390, 260, 80, 77
));
```

```
jButton10.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton10.setText("3");
jButton10.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton10ActionPerformed(evt);
    }
});
getContentPane().add(jButton10, new org.netbeans.lib.awtextra.AbsoluteConstraints(480, 260, 80, 7
7));
```

```
jButton11.setBackground(new java.awt.Color(35, 30, 33));
jButton11.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton11.setForeground(new java.awt.Color(255, 255, 255));
jButton11.setText("÷");
```

```
jButton11.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton11ActionPerformed(evt);  
    }  
});  
getContentPane().add(jButton11, new org.netbeans.lib.awtextra.AbsoluteConstraints(570, 350, 80, 7  
7));
```

```
jButton12.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N  
jButton12.setText("4");  
jButton12.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton12ActionPerformed(evt);  
    }  
});  
getContentPane().add(jButton12, new org.netbeans.lib.awtextra.AbsoluteConstraints(300, 350, 80, 7  
7));
```

```
jButton13.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N  
jButton13.setText("5");  
jButton13.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton13ActionPerformed(evt);  
    }  
});  
getContentPane().add(jButton13, new org.netbeans.lib.awtextra.AbsoluteConstraints(390, 350, 80, 7  
7));
```

```
jButton14.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N  
jButton14.setText("6");  
jButton14.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton14ActionPerformed(evt);  
    }  
});  
getContentPane().add(jButton14, new org.netbeans.lib.awtextra.AbsoluteConstraints(480, 350, 80, 7  
7));
```

```
jButton15.setBackground(new java.awt.Color(35, 30, 33));  
jButton15.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N  
jButton15.setForeground(new java.awt.Color(255, 255, 255));  
jButton15.setText("+");  
jButton15.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton15ActionPerformed(evt);  
    }  
});  
getContentPane().add(jButton15, new org.netbeans.lib.awtextra.AbsoluteConstraints(570, 440, 80, 7  
7));
```

```
jButton16.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N  
jButton16.setText("7");  
jButton16.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jButton16ActionPerformed(evt);  
    }  
});
```

```

    }
});
getContentPane().add(jButton16, new org.netbeans.lib.awtextra.AbsoluteConstraints(300, 440, 80, 7
7));

jButton17.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton17.setText("8");
jButton17.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton17ActionPerformed(evt);
    }
});
getContentPane().add(jButton17, new org.netbeans.lib.awtextra.AbsoluteConstraints(390, 440, 80, 7
7));

jButton18.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton18.setText("9");
jButton18.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton18ActionPerformed(evt);
    }
});
getContentPane().add(jButton18, new org.netbeans.lib.awtextra.AbsoluteConstraints(480, 440, 80, 7
7));

jButton19.setBackground(new java.awt.Color(35, 30, 33));
jButton19.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton19.setForeground(new java.awt.Color(255, 255, 255));
jButton19.setText("-");
jButton19.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton19ActionPerformed(evt);
    }
});
getContentPane().add(jButton19, new org.netbeans.lib.awtextra.AbsoluteConstraints(570, 530, 80, 7
7));

jButton20.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton20.setText("0");
jButton20.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton20ActionPerformed(evt);
    }
});
getContentPane().add(jButton20, new org.netbeans.lib.awtextra.AbsoluteConstraints(300, 530, 80, 7
7));
jButton20.getAccessibleContext().setAccessibleDescription("");

jButton22.setBackground(new java.awt.Color(89, 26, 94));
jButton22.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton22.setForeground(new java.awt.Color(255, 255, 255));
jButton22.setText("=");
jButton22.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton22ActionPerformed(evt);
    }
});

```



```

    }
});
getContentPane().add(jButton22, new org.netbeans.lib.awtextra.AbsoluteConstraints(390, 530, 170,
77));

jbtnCE1.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jbtnCE1.setText("CE");
jbtnCE1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jbtnCE1ActionPerformed(evt);
    }
});
getContentPane().add(jbtnCE1, new org.netbeans.lib.awtextra.AbsoluteConstraints(570, 170, 80, 77
));

jbtnBS1.setFont(new java.awt.Font("Serif", 1, 24)); // NOI18N
jbtnBS1.setText(" ");
getContentPane().add(jbtnBS1, new org.netbeans.lib.awtextra.AbsoluteConstraints(300, 170, 80, 77
));

jButton6.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton6.setText("%");
getContentPane().add(jButton6, new org.netbeans.lib.awtextra.AbsoluteConstraints(390, 170, 80, 77
));

jbtnC1.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jbtnC1.setText("C");
jbtnC1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jbtnC1ActionPerformed(evt);
    }
});
getContentPane().add(jbtnC1, new org.netbeans.lib.awtextra.AbsoluteConstraints(480, 170, 80, 77))
;

jButton23.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton23.setText("x");
getContentPane().add(jButton23, new org.netbeans.lib.awtextra.AbsoluteConstraints(570, 260, 80, 7
7));

jButton24.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton24.setText("1");
jButton24.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton24ActionPerformed(evt);
    }
});
getContentPane().add(jButton24, new org.netbeans.lib.awtextra.AbsoluteConstraints(300, 260, 80, 7
7));

jButton25.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton25.setText("2");
getContentPane().add(jButton25, new org.netbeans.lib.awtextra.AbsoluteConstraints(390, 260, 80, 7
7));

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```

jButton26.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton26.setText("3");
getContentPane().add(jButton26, new org.netbeans.lib.awtextra.AbsoluteConstraints(480, 260, 80, 7
7));

jRadioButton1.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jRadioButton1.setText("off");
jRadioButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jRadioButton1ActionPerformed(evt);
    }
});
getContentPane().add(jRadioButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(340, 130, -
1, -1));

jRadioButton2.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jRadioButton2.setText("on");
jRadioButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jRadioButton2ActionPerformed(evt);
    }
});
getContentPane().add(jRadioButton2, new org.netbeans.lib.awtextra.AbsoluteConstraints(280, 130, -
1, -1));

jButton4.setBackground(new java.awt.Color(89, 26, 94));
jButton4.setFont(new java.awt.Font("Serif", 1, 24)); // NOI18N
jButton4.setForeground(new java.awt.Color(255, 255, 255));
jButton4.setText("exp");
jButton4.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton4ActionPerformed(evt);
    }
});
getContentPane().add(jButton4, new org.netbeans.lib.awtextra.AbsoluteConstraints(120, 170, 80, 77
));

jButton27.setBackground(new java.awt.Color(89, 26, 94));
jButton27.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton27.setForeground(new java.awt.Color(255, 255, 255));
jButton27.setText("log");
jButton27.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton27ActionPerformed(evt);
    }
});
getContentPane().add(jButton27, new org.netbeans.lib.awtextra.AbsoluteConstraints(210, 170, 80, 7
7));

jButton28.setBackground(new java.awt.Color(119, 38, 123));
jButton28.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton28.setForeground(new java.awt.Color(255, 255, 255));
jButton28.setText("sin");
jButton28.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {

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```
        jButton28ActionPerformed(evt);
    }
});
getContentPane().add(jButton28, new org.netbeans.lib.awtextra.AbsoluteConstraints(120, 260, 80, 77));
```

```
jButton29.setBackground(new java.awt.Color(119, 38, 123));
jButton29.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton29.setForeground(new java.awt.Color(255, 255, 255));
jButton29.setText("sinh");
jButton29.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton29ActionPerformed(evt);
    }
});
getContentPane().add(jButton29, new org.netbeans.lib.awtextra.AbsoluteConstraints(210, 260, 80, 77));
```

```
jButton30.setBackground(new java.awt.Color(119, 38, 123));
jButton30.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton30.setForeground(new java.awt.Color(255, 255, 255));
jButton30.setText("cos");
jButton30.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton30ActionPerformed(evt);
    }
});
getContentPane().add(jButton30, new org.netbeans.lib.awtextra.AbsoluteConstraints(120, 350, 80, 77));
```

```
jButton31.setBackground(new java.awt.Color(119, 38, 123));
jButton31.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton31.setForeground(new java.awt.Color(255, 255, 255));
jButton31.setText("cosh");
jButton31.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton31ActionPerformed(evt);
    }
});
getContentPane().add(jButton31, new org.netbeans.lib.awtextra.AbsoluteConstraints(210, 350, 80, 77));
```

```
jButton32.setBackground(new java.awt.Color(119, 38, 123));
jButton32.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton32.setForeground(new java.awt.Color(255, 255, 255));
jButton32.setText("tan");
getContentPane().add(jButton32, new org.netbeans.lib.awtextra.AbsoluteConstraints(120, 440, 80, 77));
```

```
jButton33.setBackground(new java.awt.Color(119, 38, 123));
jButton33.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton33.setForeground(new java.awt.Color(255, 255, 255));
jButton33.setText("tanh");
jButton33.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
```

```

        jButton33ActionPerformed(evt);
    }
});
getContentPane().add(jButton33, new org.netbeans.lib.awtextra.AbsoluteConstraints(210, 440, -1, 7
7));

jButton34.setBackground(new java.awt.Color(119, 38, 123));
jButton34.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton34.setForeground(new java.awt.Color(255, 255, 255));
jButton34.setText("n!");
jButton34.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton34ActionPerformed(evt);
    }
});
getContentPane().add(jButton34, new org.netbeans.lib.awtextra.AbsoluteConstraints(120, 530, 80, 7
7));

jButton35.setBackground(new java.awt.Color(119, 38, 123));
jButton35.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton35.setForeground(new java.awt.Color(255, 255, 255));
jButton35.setText(".");
jButton35.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton35ActionPerformed(evt);
    }
});
getContentPane().add(jButton35, new org.netbeans.lib.awtextra.AbsoluteConstraints(210, 530, 80, 7
7));

jbtnBS3.setFont(new java.awt.Font("Serif", 1, 24)); // NOI18N
jbtnBS3.setText(" ");
getContentPane().add(jbtnBS3, new org.netbeans.lib.awtextra.AbsoluteConstraints(120, 170, 80, 77
));

jButton36.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton36.setText("%");
getContentPane().add(jButton36, new org.netbeans.lib.awtextra.AbsoluteConstraints(210, 170, 80, 7
7));

jButton37.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton37.setText("1");
jButton37.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton37ActionPerformed(evt);
    }
});
getContentPane().add(jButton37, new org.netbeans.lib.awtextra.AbsoluteConstraints(120, 260, 80, 7
7));

jButton38.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton38.setText("2");
getContentPane().add(jButton38, new org.netbeans.lib.awtextra.AbsoluteConstraints(210, 260, 80, 7
7));

```

```

jButton21.setBackground(new java.awt.Color(89, 26, 94));
jButton21.setFont(new java.awt.Font("Serif", 1, 24)); // NOI18N
jButton21.setForeground(new java.awt.Color(255, 255, 255));
jButton21.setText("\");
jButton21.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton21ActionPerformed(evt);
    }
});
getContentPane().add(jButton21, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 170, 80, 77
));

```

```

jButton39.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton39.setText("%");
getContentPane().add(jButton39, new org.netbeans.lib.awtextra.AbsoluteConstraints(120, 170, 80, 7
7));

```

```

jButton40.setBackground(new java.awt.Color(119, 38, 123));
jButton40.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton40.setForeground(new java.awt.Color(255, 255, 255));
jButton40.setText("1/x");
jButton40.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton40ActionPerformed(evt);
    }
});
getContentPane().add(jButton40, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 260, 80, 77
));

```

```

jButton41.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton41.setText("2");
getContentPane().add(jButton41, new org.netbeans.lib.awtextra.AbsoluteConstraints(120, 260, 80, 7
7));

```

```

jButton42.setBackground(new java.awt.Color(119, 38, 123));
jButton42.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton42.setForeground(new java.awt.Color(255, 255, 255));
jButton42.setText("x^y");
jButton42.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton42ActionPerformed(evt);
    }
});
getContentPane().add(jButton42, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 350, 80, 77
));

```

```

jButton43.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton43.setText("5");
getContentPane().add(jButton43, new org.netbeans.lib.awtextra.AbsoluteConstraints(120, 350, 80, 7
7));

```

```

jButton44.setBackground(new java.awt.Color(119, 38, 123));
jButton44.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton44.setForeground(new java.awt.Color(255, 255, 255));
jButton44.setText("x^2");

```

```

jButton44.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton44ActionPerformed(evt);
    }
});
getContentPane().add(jButton44, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 440, 80, 77
));

jButton45.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton45.setText("8");
getContentPane().add(jButton45, new org.netbeans.lib.awtextra.AbsoluteConstraints(120, 440, 80, 7
7));

jButton46.setBackground(new java.awt.Color(119, 38, 123));
jButton46.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton46.setForeground(new java.awt.Color(255, 255, 255));
jButton46.setText("x^3");
jButton46.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton46ActionPerformed(evt);
    }
});
getContentPane().add(jButton46, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 530, 80, 77
));

jButton47.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton47.setText(".");
getContentPane().add(jButton47, new org.netbeans.lib.awtextra.AbsoluteConstraints(120, 530, 80, 7
7));

jbtnBS5.setFont(new java.awt.Font("Serif", 1, 24)); // NOI18N
jbtnBS5.setText(" ");
getContentPane().add(jbtnBS5, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 170, 80, 77)
);

jButton48.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton48.setText("%");
getContentPane().add(jButton48, new org.netbeans.lib.awtextra.AbsoluteConstraints(120, 170, 80, 7
7));

jButton49.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton49.setText("1");
jButton49.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton49ActionPerformed(evt);
    }
});
getContentPane().add(jButton49, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 260, 80, 77
));

jButton50.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
jButton50.setText("2");
getContentPane().add(jButton50, new org.netbeans.lib.awtextra.AbsoluteConstraints(120, 260, 80, 7
7));
getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));

```

```

jPanel2.setBackground(new java.awt.Color(189, 159, 194));
jPanel2.setForeground(new java.awt.Color(255, 255, 255));

jLabel1.setFont(new java.awt.Font("MV Boli", 0, 36)); // NOI18N
jLabel1.setText("pattezsima");
jPanel2.add(jLabel1);

getContentPane().add(jPanel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, 680, 640));

pack();
} // </editor-fold>

private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    jTextField1.setText("");
}

private void jButton8ActionPerformed(java.awt.event.ActionEvent evt) {
    jTextField1.setText(jTextField1.getText() + "1");
}

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    String backspace = null;

    if(jTextField1.getText().length() > 0 ) {
        StringBuilder s= new StringBuilder (jTextField1.getText());

        s.deleteCharAt (jTextField1.getText().length() - 1 );
        backspace = s.toString();
        jTextField1.setText(backspace);
    }
}

private void jButton19ActionPerformed(java.awt.event.ActionEvent evt) {
    num1 = Double.parseDouble(jTextField1.getText());

    jTextField1.setText("");
    opr = "-";
}

private void jbtnCE1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void jbtnC1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void jButton24ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

```

```
private void jButton28ActionPerformed(java.awt.event.ActionEvent evt) {  
    double t=Math.sin(Double.parseDouble(jTextField1.getText()));  
  
    jTextField1.setText("");  
    jTextField1.setText(jTextField1.getText() + t);  
}  
  
private void jButton37ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
}  
  
private void jButton40ActionPerformed(java.awt.event.ActionEvent evt) {  
    double t=1/(Double.parseDouble(jTextField1.getText()));  
  
    jTextField1.setText("");  
    jTextField1.setText(jTextField1.getText() + t);  
}  
  
private void jButton49ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
}  
  
private void jButton20ActionPerformed(java.awt.event.ActionEvent evt) {  
    jTextField1.setText(jTextField1.getText() + "0");  
}  
  
private void jButton9ActionPerformed(java.awt.event.ActionEvent evt) {  
    jTextField1.setText(jTextField1.getText() + "2");  
}  
  
private void jButton10ActionPerformed(java.awt.event.ActionEvent evt) {  
    jTextField1.setText(jTextField1.getText() + "3");  
}  
  
private void jButton12ActionPerformed(java.awt.event.ActionEvent evt) {  
    jTextField1.setText(jTextField1.getText() + "4");  
}  
  
private void jButton13ActionPerformed(java.awt.event.ActionEvent evt) {  
    jTextField1.setText(jTextField1.getText() + "5");  
}  
  
private void jButton14ActionPerformed(java.awt.event.ActionEvent evt) {  
    jTextField1.setText(jTextField1.getText() + "6");  
}  
  
private void jButton16ActionPerformed(java.awt.event.ActionEvent evt) {  
    jTextField1.setText(jTextField1.getText() + "7");  
}  
  
private void jButton17ActionPerformed(java.awt.event.ActionEvent evt) {  
    jTextField1.setText(jTextField1.getText() + "8");  
}
```



```
private void jButton18ActionPerformed(java.awt.event.ActionEvent evt) {  
    jTextField1.setText(jTextField1.getText() + "9");  
}
```

```
private void jButton35ActionPerformed(java.awt.event.ActionEvent evt) {  
    jTextField1.setText(jTextField1.getText() + ".");  
}
```

```
private void jButton15ActionPerformed(java.awt.event.ActionEvent evt) {  
    num1 = Double.parseDouble(jTextField1.getText());  
  
    jTextField1.setText("");  
    opr = "+";  
}
```

```
private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {  
    num1 = Double.parseDouble(jTextField1.getText());  
  
    jTextField1.setText("");  
    opr = "x";  
}
```

```
private void jButton11ActionPerformed(java.awt.event.ActionEvent evt) {  
    num1 = Double.parseDouble(jTextField1.getText());  
  
    jTextField1.setText("");  
    opr = "÷";  
}
```

```
private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {  
    num1 = Double.parseDouble(jTextField1.getText());  
  
    jTextField1.setText("");  
    opr = "%";  
}
```

```
private void jButton22ActionPerformed(java.awt.event.ActionEvent evt) {  
    num2 = Double.parseDouble(jTextField1.getText());  
  
    if(opr == "+")  
    {  
        result = num1 + num2;  
        jTextField1.setText(Double.toString(result));  
    }  
    else if (opr == "-") {  
  
        result = num1 - num2;  
        jTextField1.setText(Double.toString(result));  
    }  
    else if (opr == "x") {  
  
        result = num1 * num2;  
        jTextField1.setText(Double.toString(result));  
    }  
    else if (opr == "÷") {
```

```

        result = num1/num2;
        jTextField1.setText(Double.toString(result));
    }
    else if (opr == "%") {

        result = num1 % num2;
        jTextField1.setText(Double.toString(result));
    }
    else if (opr == "x^y")
    {

        for(int i=0; i<num2; i++) {

            result = num1*num2;
        }
        jTextField1.setText(Double.toString(result));
    }
}

private void jButton30ActionPerformed(java.awt.event.ActionEvent evt) {
    double t=Math.tan(Double.parseDouble(jTextField1.getText()));

    jTextField1.setText("");
    jTextField1.setText(jTextField1.getText() + t);
}

private void jButton29ActionPerformed(java.awt.event.ActionEvent evt) {
    double t=Math.sinh(Double.parseDouble(jTextField1.getText()));

    jTextField1.setText("");
    jTextField1.setText(jTextField1.getText() + t);
}

private void jButton31ActionPerformed(java.awt.event.ActionEvent evt) {
    double t=Math.cosh(Double.parseDouble(jTextField1.getText()));

    jTextField1.setText("");
    jTextField1.setText(jTextField1.getText() + t);
}

private void jButton33ActionPerformed(java.awt.event.ActionEvent evt) {
    double t=Math.tanh(Double.parseDouble(jTextField1.getText()));

    jTextField1.setText("");
    jTextField1.setText(jTextField1.getText() + t);
}

private void jButton27ActionPerformed(java.awt.event.ActionEvent evt) {
    double t=Math.log(Double.parseDouble(jTextField1.getText()));

    jTextField1.setText("");
    jTextField1.setText(jTextField1.getText() + t);
}

```

```

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
    double t=Math.exp(Double.parseDouble(jTextField1.getText()));

    jTextField1.setText("");
    jTextField1.setText(jTextField1.getText() + t);
}

private void jButton21ActionPerformed(java.awt.event.ActionEvent evt) {
    double t=Math.sqrt(Double.parseDouble(jTextField1.getText()));

    jTextField1.setText("");
    jTextField1.setText(jTextField1.getText() + t);
}

private void jButton44ActionPerformed(java.awt.event.ActionEvent evt) {
    double t= Double.parseDouble(jTextField1.getText());

    t=t*t;
    jTextField1.setText("");
    jTextField1.setText(jTextField1.getText() + t);
}

private void jButton46ActionPerformed(java.awt.event.ActionEvent evt) {
    double t= Double.parseDouble(jTextField1.getText());

    t=t*t*t;
    jTextField1.setText("");
    jTextField1.setText(jTextField1.getText() + t);
}

private void jButton42ActionPerformed(java.awt.event.ActionEvent evt) {
    num1 = Double.parseDouble(jTextField1.getText());

    jTextField1.setText("");

    opr = "x^y";
}

private void jButton34ActionPerformed(java.awt.event.ActionEvent evt) {
    double t=Double.parseDouble(jTextField1.getText());

    double fact=1;
    while (t!=0) {

        fact= fact*t;
        t--;
    }
    jTextField1.setText("");
    jTextField1.setText(jTextField1.getText() + fact);
}

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

```

```

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

    disable();
}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    double t= Double.parseDouble(String.valueOf(jTextField1.getText()));

    t=t*(-1);
    jTextField1.setText(String.valueOf(t));
}

/**
 * @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(hesapmakinesi.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (InstantiationException ex) {
        java.util.logging.Logger.getLogger(hesapmakinesi.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (IllegalAccessException ex) {
        java.util.logging.Logger.getLogger(hesapmakinesi.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
        java.util.logging.Logger.getLogger(hesapmakinesi.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 hesapmakinesi().setVisible(true);
        }
    });
}

// Variables declaration - do not modify
private javax.swing.JButton jButton1;

```

```
private javax.swing.JButton jButton10;
private javax.swing.JButton jButton11;
private javax.swing.JButton jButton12;
private javax.swing.JButton jButton13;
private javax.swing.JButton jButton14;
private javax.swing.JButton jButton15;
private javax.swing.JButton jButton16;
private javax.swing.JButton jButton17;
private javax.swing.JButton jButton18;
private javax.swing.JButton jButton19;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton20;
private javax.swing.JButton jButton21;
private javax.swing.JButton jButton22;
private javax.swing.JButton jButton23;
private javax.swing.JButton jButton24;
private javax.swing.JButton jButton25;
private javax.swing.JButton jButton26;
private javax.swing.JButton jButton27;
private javax.swing.JButton jButton28;
private javax.swing.JButton jButton29;
private javax.swing.JButton jButton3;
private javax.swing.JButton jButton30;
private javax.swing.JButton jButton31;
private javax.swing.JButton jButton32;
private javax.swing.JButton jButton33;
private javax.swing.JButton jButton34;
private javax.swing.JButton jButton35;
private javax.swing.JButton jButton36;
private javax.swing.JButton jButton37;
private javax.swing.JButton jButton38;
private javax.swing.JButton jButton39;
private javax.swing.JButton jButton4;
private javax.swing.JButton jButton40;
private javax.swing.JButton jButton41;
private javax.swing.JButton jButton42;
private javax.swing.JButton jButton43;
private javax.swing.JButton jButton44;
private javax.swing.JButton jButton45;
private javax.swing.JButton jButton46;
private javax.swing.JButton jButton47;
private javax.swing.JButton jButton48;
private javax.swing.JButton jButton49;
private javax.swing.JButton jButton5;
private javax.swing.JButton jButton50;
private javax.swing.JButton jButton6;
private javax.swing.JButton jButton7;
private javax.swing.JButton jButton8;
private javax.swing.JButton jButton9;
private javax.swing.JColorChooser jColorChooser1;
private javax.swing.JLabel jLabel1;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JRadioButton jRadioButton1;
private javax.swing.JRadioButton jRadioButton2;
```

```
private javax.swing.JTextField jTextField1;  
private javax.swing.JButton jbtnBS1;  
private javax.swing.JButton jbtnBS3;  
private javax.swing.JButton jbtnBS5;  
private javax.swing.JButton jbtnC1;  
private javax.swing.JButton jbtnCE1;  
// End of variables declaration  
}
```