

## SOURCE KODE PROJEK ATK HOUSE

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TUJUAN PROGRAM : PROJEK GUI ATK HOUSE

\*/

```
package atkhouse;
```

```
public class Main {
```

```
    public static void main(String[] args) {
```

```
        new formUtama().setVisible(true);
```

```
    }
```

```
}
```

```
package atkhouse;
```

```
public class formUtama extends javax.swing.JFrame {
```

```
    public formUtama() {
```

```
        initComponents();
```

```
    }
```

```
@SuppressWarnings("unchecked")
```

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

```
private void initComponents() {
```

```
jPanel1 = new javax.swing.JPanel();
jLabel3 = new javax.swing.JLabel();
jLabel4 = new javax.swing.JLabel();
jLabel5 = new javax.swing.JLabel();
jLabel6 = new javax.swing.JLabel();
jLabel7 = new javax.swing.JLabel();
jLabel8 = new javax.swing.JLabel();
nama_barang = new javax.swing.JComboBox<>();
harga_barang = new javax.swing.JTextField();
jumlah_beli = new javax.swing.JTextField();
jumlah_harga = new javax.swing.JTextField();
jumlah_bayar = new javax.swing.JTextField();
jumlah_kembalian = new javax.swing.JTextField();
batal = new javax.swing.JButton();
keluar = new javax.swing.JButton();
hitung_jumlah_barang = new javax.swing.JButton();
bayar = new javax.swing.JButton();
jPanel2 = new javax.swing.JPanel();
jLabel1 = new javax.swing.JLabel();
jLabel2 = new javax.swing.JLabel();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

jPanel1.setBackground(new java.awt.Color(51, 204, 255));

jLabel3.setFont(new java.awt.Font("Segoe UI Emoji", 1, 12)); // NOI18N
```

```
jLabel3.setText("NAMA BARANG");
```

```
jLabel4.setFont(new java.awt.Font("Segoe UI Emoji", 1, 12)); // NOI18N
```

```
jLabel4.setText("HARGA BARANG");
```

```
jLabel5.setFont(new java.awt.Font("Segoe UI Emoji", 1, 12)); // NOI18N
```

```
jLabel5.setText("JUMLAH BELI");
```

```
jLabel6.setFont(new java.awt.Font("Segoe UI Emoji", 1, 12)); // NOI18N
```

```
jLabel6.setText("JUMLAH HARGA");
```

```
jLabel7.setFont(new java.awt.Font("Segoe UI Emoji", 1, 12)); // NOI18N
```

```
jLabel7.setText("JUMLAH KEMBALIAN");
```

```
jLabel8.setFont(new java.awt.Font("Segoe UI Emoji", 1, 12)); // NOI18N
```

```
jLabel8.setText("JUMLAH BAYAR");
```

```
nama_barang.setModel(new javax.swing.DefaultComboBoxModel<>(new String[]  
{ "Pilih Barang", "Buku Tulis", "Pulpen ", "Tip X", "Pensil ", "Penghapus" }));
```

```
nama_barang.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        nama_barangActionPerformed(evt);
```

```
    }
```

```
});
```

```
harga_barang.addActionListener(new java.awt.event.ActionListener() {
```

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

```
        harga_barangActionPerformed(evt);  
    }  
});
```

```
jumlah_harga.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        jumlah_hargaActionPerformed(evt);  
    }  
});
```

```
batal.setFont(new java.awt.Font("Segoe UI Emoji", 1, 12)); // NOI18N  
batal.setText("BATAL");  
batal.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        batalActionPerformed(evt);  
    }  
});
```

```
keluar.setFont(new java.awt.Font("Segoe UI Emoji", 1, 12)); // NOI18N  
keluar.setText("KELUAR");  
keluar.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        keluarActionPerformed(evt);  
    }  
});
```



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

```
    .addComponent(jLabel4,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 105,  
        javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addComponent(jLabel3,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 107,  
        javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addComponent(jLabel5,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 87,  
        javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addComponent(jLabel6,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 98,  
        javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addComponent(jLabel8,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 98,  
        javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
    .addGap(7, 7, 7)
```

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

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

```
    .addGroup(jPanel1Layout.createSequentialGroup())
```

```
        .addGap(73, 73, 73)
```

```
        .addComponent(nama_barang,  
            javax.swing.GroupLayout.PREFERRED_SIZE,  
            javax.swing.GroupLayout.DEFAULT_SIZE,  
            javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
        .addComponent(harga_barang,  
            javax.swing.GroupLayout.Alignment.TRAILING,
```

```

javax.swing.GroupLayout.PREFERRED_SIZE, 96,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addComponent(jumlah_harga,
javax.swing.GroupLayout.PREFERRED_SIZE, 97,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jumlah_beli,
javax.swing.GroupLayout.PREFERRED_SIZE, 97,
javax.swing.GroupLayout.PREFERRED_SIZE))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 231,
Short.MAX_VALUE)

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

        .addComponent(batal)

        .addComponent(keluar))

.addGap(157, 157, 157))

.addGroup(jPanel1Layout.createSequentialGroup()

        .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE,
131, javax.swing.GroupLayout.PREFERRED_SIZE)

        .addGap(57, 57, 57)

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

        .addComponent(jumlah_bayar,
javax.swing.GroupLayout.PREFERRED_SIZE, 97,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(jumlah_kembalian,
javax.swing.GroupLayout.PREFERRED_SIZE, 148,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .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)

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

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

            .addComponent(bayar)

            .addGap(278, 278, 278))

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

            .addComponent(hitung_jumlah_barang)

            .addGap(224, 224, 224))))

);

jPanel1Layout.setVerticalGroup(

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

    .addGroup(jPanel1Layout.createSequentialGroup()

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

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addGap(13, 13, 13)

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

                    .addComponent(jLabel3)

                    .addComponent(nama_barang,
javax.swing.GroupLayout.PREFERRED_SIZE,

```



```

javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))

        .addGroup(jPanel1Layout.createSequentialGroup()

            .addGap(29, 29, 29)

            .addComponent(batal)))

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

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BA
        SELINE)

            .addComponent(jLabel4)

            .addComponent(harga_barang,
            javax.swing.GroupLayout.PREFERRED_SIZE,
            javax.swing.GroupLayout.DEFAULT_SIZE,
            javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LE
        ADING)

            .addGroup(jPanel1Layout.createSequentialGroup()

                .addGap(26, 26, 26)

                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BA
                SELINE)

                    .addComponent(jLabel5)

                    .addComponent(jumlah_beli,
                    javax.swing.GroupLayout.PREFERRED_SIZE,
                    javax.swing.GroupLayout.DEFAULT_SIZE,
                    javax.swing.GroupLayout.PREFERRED_SIZE))

                    .addGap(26, 26, 26)

                .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BA
                SELINE)

                    .addComponent(jLabel6)

```

```

        .addComponent(jumlah_harga,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)))

        .addGroup(jPanel1Layout.createSequentialGroup()

            .addGap(6, 6, 6)

            .addComponent(keluar)

            .addGap(26, 26, 26)

            .addComponent(hitung_jumlah_barang)))

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
36, Short.MAX_VALUE)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BA
SELINE)

            .addComponent(jLabel8)

            .addComponent(jumlah_bayar,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

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

            .addComponent(bayar)

            .addGap(8, 8, 8)

        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BA
SELINE)

            .addComponent(jLabel7)

            .addComponent(jumlah_kembalian,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

            .addGap(36, 36, 36))

```

);

jPanel2.setBackground(new java.awt.Color(0, 102, 255));

jLabel1.setFont(new java.awt.Font("Tahoma", 1, 36)); // NOI18N

jLabel1.setForeground(new java.awt.Color(204, 255, 255));

jLabel1.setText("ATK HOUSE");

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

jLabel2.setForeground(new java.awt.Color(204, 255, 255));

jLabel2.setText("Jalan Bantul, Yogyakarta");

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);

jPanel2.setLayout(jPanel2Layout);

jPanel2Layout.setHorizontalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(275, 275, 275)

.addComponent(jLabel1))

.addGroup(jPanel2Layout.createSequentialGroup()

.addGap(262, 262, 262)

.addComponent(jLabel2)))

```

        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))

    );

    JPanel2Layout.setVerticalGroup(

JPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addGroup(JPanel2Layout.createSequentialGroup()

            .addGap(32, 32, 32)

            .addComponent(jLabel1)

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

            .addComponent(jLabel2)

            .addContainerGap(30, Short.MAX_VALUE))

        );

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

    getContentPane().setLayout(layout);

    layout.setHorizontalGroup(

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

            .addGroup(layout.createSequentialGroup()

                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)

                    .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

                    .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

                .addGap(0, 3, Short.MAX_VALUE))

            );

```

```

        layout.setVerticalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
                        javax.swing.GroupLayout.DEFAULT_SIZE,
                        javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
                        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
                );

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

```

```

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

```

```

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

```

```

private void keluarActionPerformed(java.awt.event.ActionEvent evt) {
    System.exit(0);
}

```

```

private void nama_barangActionPerformed(java.awt.event.ActionEvent evt) {
    String NamaBarang=(String)nama_barang.getSelectedItemAt();
}

```

```
switch (NamaBarang){  
    case "Buku Tulis":  
        harga_barang.setText("5000");  
        break;  
    case "Pulpen":  
        harga_barang.setText("3000");  
        break;  
    case "Tip X":  
        harga_barang.setText("4000");  
        break;  
    case "Pensil":  
        harga_barang.setText("2000");  
        break;  
    case "Penghapus":  
        harga_barang.setText("1000");  
        break;  
}  
}
```

```
private void hitung_jumlah_barangActionPerformed(java.awt.event.ActionEvent evt) {  
    int JumlahBarang = Integer.parseInt(jumlah_beli.getText());  
    int HargaBarang = Integer.parseInt(harga_barang.getText());  
    jumlah_harga.setText(Integer.toString(HargaBarang * JumlahBarang));  
}
```

```
private void bayarActionPerformed(java.awt.event.ActionEvent evt) {  
    int JumlahBayar = Integer.parseInt(jumlah_bayar.getText());
```

```

int JumlahHarga = Integer.parseInt(jumlah_harga.getText());
if (JumlahBayar >= JumlahHarga){
    jumlah_kembalian.setText(Integer.toString(JumlahBayar - JumlahHarga));
}
else{
    jumlah_kembalian.setText("Uang Anda Kurang");
}
}

```

```

private void batalActionPerformed(java.awt.event.ActionEvent evt) {
    harga_barang.setText("");
    jumlah_beli.setText("");
    jumlah_harga.setText("");
    jumlah_bayar.setText("");
    jumlah_kembalian.setText("");
    nama_barang.setSelectedIndex(0);
}

```

```

/**

```

```

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

    } catch (InstantiationException ex) {

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

    } catch (IllegalAccessException ex) {

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

    } catch (javax.swing.UnsupportedLookAndFeelException ex) {

        java.util.logging.Logger.getLogger(formUtama.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 formUtama().setVisible(true);  
    }  
});  
}
```

```
// Variables declaration - do not modify  
private javax.swing.JButton batal;  
private javax.swing.JButton bayar;  
private javax.swing.JTextField harga_barang;  
private javax.swing.JButton hitung_jumlah_barang;  
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.JLabel jLabel7;  
private javax.swing.JLabel jLabel8;  
private javax.swing.JPanel jPanel1;  
private javax.swing.JPanel jPanel2;  
private javax.swing.JTextField jumlah_bayar;  
private javax.swing.JTextField jumlah_beli;  
private javax.swing.JTextField jumlah_harga;  
private javax.swing.JTextField jumlah_kembalian;
```

```
private javax.swing.JButton keluar;  
private javax.swing.JComboBox<String> nama_barang;  
// End of variables declaration  
}
```