```java
/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
 * Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template
 */
package galonasramaprojectakhir;

import java.awt.Dimension;
import java.text.SimpleDateFormat;
import java.awt.Toolkit;
import java.awt.event.KeyEvent;
import java.util.Date;
import javax.swing.JOptionPane;

/**
 *
 * @author Ayasha Alayna A
 */
public class Galon extends javax.swing.JFrame {

    /**
     * Creates new form Galon
     */
    public Galon() {
        initComponents();

        Dimension layar = Toolkit.getDefaultToolkit().getScreenSize();
        int x = layar.width / 2 - this.getSize().width / 2;
        int y = layar.height / 2 - this.getSize().height / 2;
```

```java
        this.setLocation(x,y);


        tampiltanggal();


        penghuni.disable();

        pergalon.disable();

        biayapengantar.disable();

        totalbayar.disable();

        kembalian.disable();

    }


    public void tampilkanNotifikasi(String pesan) {

    JOptionPane.showMessageDialog(this, pesan, "Notifikasi",
JOptionPane.INFORMATION_MESSAGE);

    }


    //method untuk tanggal hari ini

    public void tampiltanggal(){

        Date tgl = new Date ();

        SimpleDateFormat aa = new SimpleDateFormat("dd-MM-yyyy");

        tanggal.setText(aa.format(tgl));

    }

    //method jumlah karakter

    public void JumlahKarakter(KeyEvent a){

        if(transaksi.getText().length()==4){

            a.consume();

            JOptionPane.showConfirmDialog(null,

                "Maksimal 4 Karakter",

                "Peringatan",JOptionPane.WARNING_MESSAGE);

        }

    }
```

```java
//jumlah karakter pergalon
public void JumlahKarakterpergalon(KeyEvent c){
    if(jumlah.getText().length()==2){
        c.consume();
        JOptionPane.showConfirmDialog(null,
            "Maksimal 2 Karakter",
            "Peringatan",JOptionPane.WARNING_MESSAGE);
    }
}


//method hanya angka
public void FilterAngka(KeyEvent b){
    if(Character.isAlphabetic(b.getKeyChar())){
        b. consume();
        JOptionPane.showMessageDialog(null,
            "Masukkan Hanya Angka",
            "Peringatan", JOptionPane.WARNING_MESSAGE
            );
    }
}
/**
 * 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() {

    jPanel1 = new javax.swing.JPanel();
```

```java
jLabel2 = new javax.swing.JLabel();

transaksi = new javax.swing.JTextField();

jPanel2 = new javax.swing.JPanel();

jLabel4 = new javax.swing.JLabel();

nolan = new javax.swing.JComboBox<>();

jLabel5 = new javax.swing.JLabel();

penghuni = new javax.swing.JTextField();

jLabel6 = new javax.swing.JLabel();

pergalon = new javax.swing.JTextField();

jLabel7 = new javax.swing.JLabel();

jumlah = new javax.swing.JTextField();

jLabel8 = new javax.swing.JLabel();

jLabel9 = new javax.swing.JLabel();

antar = new javax.swing.JComboBox<>();

jLabel10 = new javax.swing.JLabel();

biayapengantar = new javax.swing.JTextField();

jLabel11 = new javax.swing.JLabel();

totalbayar = new javax.swing.JTextField();

jLabel12 = new javax.swing.JLabel();

jfield = new javax.swing.JLabel();

uangbayar = new javax.swing.JTextField();

jLabel13 = new javax.swing.JLabel();

kembalian = new javax.swing.JTextField();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jButton3 = new javax.swing.JButton();

jPanel3 = new javax.swing.JPanel();

jLabel3 = new javax.swing.JLabel();

tanggal = new javax.swing.JTextField();

jLabel1 = new javax.swing.JLabel();
```

```java
        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

        jPanel1.setBackground(new java.awt.Color(153, 153, 153));
        jPanel1.setForeground(new java.awt.Color(51, 204, 255));

        jLabel2.setText("No.Transaksi");

        transaksi.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                transaksiActionPerformed(evt);
            }
        });
        transaksi.addKeyListener(new java.awt.event.KeyAdapter() {
            public void keyTyped(java.awt.event.KeyEvent evt) {
                transaksiKeyTyped(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()
                .addContainerGap()
                .addComponent(jLabel2)
                .addGap(18, 18, 18)
                .addComponent(transaksi, javax.swing.GroupLayout.PREFERRED_SIZE, 100,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addContainerGap(52, Short.MAX_VALUE))
        );
        jPanel1Layout.setVerticalGroup(
```

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

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(transaksi, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                .addComponent(jLabel2))
            .addContainerGap(15, Short.MAX_VALUE))
    );


    jPanel2.setBackground(new java.awt.Color(204, 204, 204));


    jLabel4.setText("No.Lantai & Kamar");


    nolan.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Lantai 1 Kamar 1",
"Lantai 1 Kamar 2", "Lantai 1 Kamar 3", "Lantai 1 Kamar 4", "Lantai 1 Kamar 5", "Lantai 1 Kamar 6",
"Lantai 1 Kamar 7", "Lantai 1 Kamar 8", "Lantai 1 Kamar 9", "Lantai 1 Kamar 10", "Lantai 1 Kamar 11",
"Lantai 1 Kamar 12", "Lantai 1 Kamar 13", "Lantai 1 Kamar 14", "Lantai 1 Kamar 15", "Lantai 1 Kamar
16", "Lantai 1 Kamar 17", "Lantai 1 Kamar 18", "Lantai 1 Kamar 19", "Lantai 1 Kamar 20", "Lantai 1
Kamar 21", "Lantai 1 Kamar 22", "Lantai 1 Kamar 23", "Lantai 1 Kamar 24", "Lantai 2 Kamar 1",
"Lantai 2 Kamar 2", "Lantai 2 Kamar 3", "Lantai 2 Kamar 4", "Lantai 2 Kamar 5", "Lantai 2 Kamar 6",
"Lantai 2 Kamar 7", "Lantai 2 Kamar 8", "Lantai 2 Kamar 9", "Lantai 2 Kamar 10", "Lantai 2 Kamar 11",
"Lantai 2 Kamar 12", "Lantai 2 Kamar 13", "Lantai 2 Kamar 14", "Lantai 2 Kamar 15", "Lantai 2 Kamar
16", "Lantai 2 Kamar 17", "Lantai 2 Kamar 18", "Lantai 2 Kamar 19", "Lantai 2 Kamar 20", "Lantai 2
Kamar 21", "Lantai 2 Kamar 22", "Lantai 2 Kamar 23", "Lantai 2 Kamar 24", "Lantai 3 Kamar 1",
"Lantai 3 Kamar 2", "Lantai 3 Kamar 3", "Lantai 3 Kamar 4", "Lantai 3 Kamar 5", "Lantai 3 Kamar 6",
"Lantai 3 Kamar 7", "Lantai 3 Kamar 8", "Lantai 3 Kamar 9", "Lantai 3 Kamar 10", "Lantai 3 Kamar 11",
"Lantai 3 Kamar 12", "Lantai 3 Kamar 13", "Lantai 3 Kamar 14", "Lantai 3 Kamar 15", "Lantai 3 Kamar
16", "Lantai 3 Kamar 17", "Lantai 3 Kamar 18", "Lantai 3 Kamar 19", "Lantai 3 Kamar 20", "Lantai 3
Kamar 21", "Lantai 3 Kamar 22", "Lantai 3 Kamar 23", "Lantai 3 Kamar 24", " ", " ", " " }));
    nolan.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            nolanActionPerformed(evt);
        }
    });
```

```java
jLabel5.setText("Nama Penghuni");

jLabel6.setText("Harga Pergalon");

jLabel7.setText("Jumlah Galon");

jumlah.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jumlahActionPerformed(evt);
    }
});
jumlah.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyTyped(java.awt.event.KeyEvent evt) {
        jumlahKeyTyped(evt);
    }
});

jLabel9.setText("Waktu Pengantaran");

antar.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Pukul : 08.00 - 
10.00", "Pukul : 13.00 - 17.00", "Pukul : 18.40 - 20.40" }));
antar.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        antarActionPerformed(evt);
    }
});

jLabel10.setText("Biaya Pengantar");

jLabel11.setText("Total Bayar");
```

```java
jfield.setText("Uang Bayar");

uangbayar.addFocusListener(new java.awt.event.FocusAdapter() {
    public void focusLost(java.awt.event.FocusEvent evt) {
        uangbayarFocusLost(evt);
    }
});
uangbayar.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyTyped(java.awt.event.KeyEvent evt) {
        uangbayarKeyTyped(evt);
    }
});

jLabel13.setText("Kembalian");

jButton1.setText("BARU");
jButton1.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
    }
});

jButton2.setText("HITUNG");
jButton2.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
    }
});

jButton3.setText("KELUAR");
jButton3.addActionListener(new java.awt.event.ActionListener() {
```

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

            jButton3ActionPerformed(evt);

        }

    });


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

    jPanel2.setLayout(jPanel2Layout);

    jPanel2Layout.setHorizontalGroup(

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

        .addGroup(jPanel2Layout.createSequentialGroup()

            .addContainerGap()

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

            .addGroup(jPanel2Layout.createSequentialGroup()

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

                .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 75,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

                .addComponent(jLabel10, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

                .addComponent(jLabel9, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)))

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

                .addGroup(jPanel2Layout.createSequentialGroup()

                    .addGap(18, 18, 18)

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

                    .addComponent(antar, 0, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

                    .addComponent(biayapengantar))
```

```
                    .addContainerGap(229, Short.MAX_VALUE))
                .addGroup(jPanel2Layout.createSequentialGroup()
                    .addGap(66, 66, 66)
                    .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 75,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 75,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(25, 25, 25))))
            .addGroup(jPanel2Layout.createSequentialGroup()

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel2Layout.createSequentialGroup()
                    .addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(0, 0, Short.MAX_VALUE))
                .addGroup(jPanel2Layout.createSequentialGroup()

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                        .addComponent(nolan, 0, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
                        .addComponent(jLabel4, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
                    .addGap(27, 27, 27)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                        .addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                        .addComponent(penghuni))
                    .addGap(39, 39, 39)

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

```java
                .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)
                    .addComponent(jfield, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(jLabel11, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(jLabel6, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                    .addComponent(pergalon, javax.swing.GroupLayout.Alignment.LEADING))

                .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(jPanel2Layout.createSequentialGroup()
                        .addGap(40, 40, 40)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                            .addComponent(jLabel7, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                            .addComponent(jumlah))
                        .addGap(0, 0, Short.MAX_VALUE))
                    .addGroup(jPanel2Layout.createSequentialGroup()

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

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                            .addComponent(totalbayar)
                            .addComponent(uangbayar)))))
                .addGroup(jPanel2Layout.createSequentialGroup()
                    .addGap(49, 49, 49)
                    .addComponent(jLabel12, javax.swing.GroupLayout.PREFERRED_SIZE, 43,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(0, 0, Short.MAX_VALUE))
                .addGroup(jPanel2Layout.createSequentialGroup()
                    .addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED_SIZE, 71,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(18, 18, 18)
```

```java
                    .addComponent(kembalian)))))
                .addContainerGap())))
        );
        jPanel2Layout.setVerticalGroup(
            jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(jPanel2Layout.createSequentialGroup()
                .addContainerGap()

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                    .addComponent(jLabel4)

                    .addComponent(jLabel5)

                    .addComponent(jLabel6)

                    .addComponent(jLabel7))
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                    .addComponent(nolan, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

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

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

                    .addComponent(jumlah, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(32, 32, 32)

                .addComponent(jLabel8)

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

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                    .addComponent(jLabel9)

                    .addComponent(antar, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```java
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel10)
            .addComponent(biayapengantar, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(33, 33, 33)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel11)
            .addComponent(totalbayar, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(15, 15, 15)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jfield)
            .addComponent(uangbayar, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jLabel12)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel13)
            .addComponent(kembalian, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(60, 60, 60)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jButton1)
            .addComponent(jButton2)
            .addComponent(jButton3))
        .addContainerGap(71, Short.MAX_VALUE))
    );
```

```java
jPanel3.setBackground(new java.awt.Color(153, 153, 153));

jLabel3.setText("Tanggal");

javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);
jPanel3.setLayout(jPanel3Layout);
jPanel3Layout.setHorizontalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel3Layout.createSequentialGroup()
        .addGap(18, 18, 18)
        .addComponent(jLabel3)
        .addGap(18, 18, 18)
        .addComponent(tanggal, javax.swing.GroupLayout.PREFERRED_SIZE, 101,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
);
jPanel3Layout.setVerticalGroup(
    jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
    .addGroup(jPanel3Layout.createSequentialGroup()
        .addContainerGap()

.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(tanggal, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel3))
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
);

jLabel1.setFont(new java.awt.Font("Segoe UI", 1, 12)); // NOI18N
jLabel1.setText("PEMESANAN GALON ASRAMA");

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

```java
        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)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
            .addGroup(layout.createSequentialGroup()
                .addGap(161, 161, 161)
                .addComponent(jLabel1)
                .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
            .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        );
        layout.setVerticalGroup(
            layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addContainerGap()
                .addComponent(jLabel1)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .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(jPanel3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
                .addGap(12, 12, 12)
                .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        );
```

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


    private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
        int pilihan= JOptionPane.showConfirmDialog(this,
            "Apakah Anda Yakin akan Keluar?",
            "Konfirmasi keluar",
            JOptionPane.YES_NO_OPTION);


        if (pilihan == JOptionPane.YES_OPTION) {
        // Notifikasi pesanan dibuat
        JOptionPane.showMessageDialog(this,
            "Pesanan Anda telah dibuat.\n" +
            "Detail Pesanan:\n" +
            "Penghuni: " + penghuni.getText() + "\n" +
            "Jumlah Galon: " + jumlah.getText() + "\n" +
            "Total Bayar: Rp" + totalbayar.getText(),
            "Pesanan Dibuat",
            JOptionPane.INFORMATION_MESSAGE);


    // Keluar aplikasi
    System.exit(0);
 }
}


private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:


    transaksi.setText("");
    penghuni.setText("");
```

```java
        pergalon.setText("");

        jumlah.setText("");

        biayapengantar.setText("");

        totalbayar.setText("");

        uangbayar.setText("");

        kembalian.setText("");


        tampilkanNotifikasi("Formulir telah direset.");
    }


    private void transaksiKeyTyped(java.awt.event.KeyEvent evt) {
        // TODO add your handling code here:
        JumlahKarakter(evt);
        FilterAngka(evt);
    }


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


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

        if(nolan.getSelectedItem()== "Lantai 1 Kamar 1"){
            penghuni.setText("Nisa");
            pergalon.setText("10000");
        }else if(nolan.getSelectedItem()=="Lantai 1 Kamar 2"){
            penghuni.setText("Tasya");
            pergalon.setText("10000");
        }else if(nolan.getSelectedItem()== "Lantai 1 Kamar 3"){
            penghuni.setText("Rahma");
```

```java
      pergalon.setText("10000");
   }else if(nolan.getSelectedItem()=="Lantai 1 Kamar 4"){
      penghuni.setText("Zahra");
      pergalon.setText("10000");
   }else if(nolan.getSelectedItem()== "Lantai 1 Kamar 5"){
      penghuni.setText("Maryam");
      pergalon.setText("10000");
   }else if(nolan.getSelectedItem()=="Lantai 1 Kamar 6"){
      penghuni.setText("Siti");
      pergalon.setText("10000");
   }else if(nolan.getSelectedItem()== "Lantai 1 Kamar 7"){
      penghuni.setText("Aisyah");
      pergalon.setText("10000");
   }else if(nolan.getSelectedItem()=="Lantai 1 Kamar 8"){
      penghuni.setText("Zahira");
      pergalon.setText("10000");
   }else if(nolan.getSelectedItem()== "Lantai 1 Kamar 9"){
      penghuni.setText("Fahira");
      pergalon.setText("10000");
   }else if(nolan.getSelectedItem()=="Lantai 1 Kamar 10"){
      penghuni.setText("Mayla");
      pergalon.setText("10000");
   if(nolan.getSelectedItem()== "Lantai 1 Kamar 11"){
      penghuni.setText("Ayasha");
      pergalon.setText("10000");
   }else if(nolan.getSelectedItem()=="Lantai 1 Kamar 12"){
      penghuni.setText("Risma");
      pergalon.setText("10000");
   }else if(nolan.getSelectedItem()== "Lantai 1 Kamar 13"){
      penghuni.setText("Fuji");
      pergalon.setText("10000");
```

```java
}else if(nolan.getSelectedItem()=="Lantai 1 Kamar 14"){

    penghuni.setText("Imah");

    pergalon.setText("10000");

}else if(nolan.getSelectedItem()== "Lantai 1 Kamar 15"){

    penghuni.setText("Dewi");

    pergalon.setText("10000");

}else if(nolan.getSelectedItem()=="Lantai 1 Kamar 16"){

    penghuni.setText("Nabila");

    pergalon.setText("10000");

}else if(nolan.getSelectedItem()== "Lantai 1 Kamar 17"){

    penghuni.setText("Nayla");

    pergalon.setText("10000");

}else if(nolan.getSelectedItem()=="Lantai 1 Kamar 18"){

    penghuni.setText("Arum");

    pergalon.setText("10000");

}else if(nolan.getSelectedItem()== "Lantai 1 Kamar 19"){

    penghuni.setText("Ara");

    pergalon.setText("10000");

}else if(nolan.getSelectedItem()=="Lantai 1 Kamar 20"){

    penghuni.setText("Sofia");

    pergalon.setText("10000");

}else if(nolan.getSelectedItem()== "Lantai 1 Kamar 21"){

    penghuni.setText("Asma");

    pergalon.setText("10000");

}else if(nolan.getSelectedItem()=="Lantai 1 Kamar 22"){

    penghuni.setText("Shafira");

    pergalon.setText("10000");

}else if(nolan.getSelectedItem()== "Lantai 1 Kamar 23"){

    penghuni.setText("Dwi");

    pergalon.setText("10000");

}else if(nolan.getSelectedItem()=="Lantai 1 Kamar 24"){
```

```java
            penghuni.setText("Linda");

            pergalon.setText("10000");

        }else if(nolan.getSelectedItem()== "Lantai 2 Kamar 1"){

            penghuni.setText("Adinda");

            pergalon.setText("10000");

        }else if(nolan.getSelectedItem()=="Lantai 2 Kamar 2"){

            penghuni.setText("Nita");

            pergalon.setText("10000");

        }else if(nolan.getSelectedItem()== "Lantai 2 Kamar 3"){

            penghuni.setText("Ardita");

            pergalon.setText("10000");

        }else if(nolan.getSelectedItem()=="Lantai 2 Kamar 4"){

            penghuni.setText("Melinda");

            pergalon.setText("10000");

        }else if(nolan.getSelectedItem()== "Lantai 2 Kamar 5"){

            penghuni.setText("Jemimah");

            pergalon.setText("10000");

        }else if(nolan.getSelectedItem()=="Lantai 2 Kamar 6"){

            penghuni.setText("Mahalini");

            pergalon.setText("10000");

        }else if(nolan.getSelectedItem()== "Lantai 2 Kamar 7"){

            penghuni.setText("Zakiyah");

            pergalon.setText("10000");

        }else if(nolan.getSelectedItem()=="Lantai 2 Kamar 8"){

            penghuni.setText("Nazila");

            pergalon.setText("10000");

        }else if(nolan.getSelectedItem()== "Lantai 2 Kamar 9"){

            penghuni.setText("Dina");

            pergalon.setText("10000");

        }else if(nolan.getSelectedItem()=="Lantai 2 Kamar 10"){

            penghuni.setText("Aristi");
```

```java
        pergalon.setText("10000");
    }else if(nolan.getSelectedItem()== "Lantai 2 Kamar 11"){
        penghuni.setText("Syifa");
        pergalon.setText("10000");
    }else if(nolan.getSelectedItem()=="Lantai 2 Kamar 12"){
        penghuni.setText("Ratu");
        pergalon.setText("10000");
    }else if(nolan.getSelectedItem()== "Lantai 2 Kamar 13"){
        penghuni.setText("Nur");
        pergalon.setText("10000");
    }else if(nolan.getSelectedItem()=="Lantai 2 Kamar 14"){
        penghuni.setText("Artanti");
        pergalon.setText("10000");
    }else if(nolan.getSelectedItem()== "Lantai 2 Kamar 15"){
        penghuni.setText("Aryanti");
        pergalon.setText("10000");
    }else if(nolan.getSelectedItem()=="Lantai 2 Kamar 16"){
        penghuni.setText("Jesi");
        pergalon.setText("10000");
    }else if(nolan.getSelectedItem()== "Lantai 2 Kamar 17"){
        penghuni.setText("Helida");
        pergalon.setText("10000");
    }else if(nolan.getSelectedItem()=="Lantai 2 Kamar 18"){
        penghuni.setText("Dinda");
        pergalon.setText("10000");
    }else if(nolan.getSelectedItem()== "Lantai 2 Kamar 19"){
        penghuni.setText("Nurul");
        pergalon.setText("10000");
    }else if(nolan.getSelectedItem()=="Lantai 2 Kamar 20"){
        penghuni.setText("Kintan");
        pergalon.setText("10000");
```

```java
}else if(nolan.getSelectedItem()== "Lantai 2 Kamar 21"){

    penghuni.setText("Kiranti");

    pergalon.setText("10000");

}else if(nolan.getSelectedItem()=="Lantai 2 Kamar 22"){

    penghuni.setText("Inas");

}else if(nolan.getSelectedItem()== "Lantai 2 Kamar 23"){

    penghuni.setText("Midah");

    pergalon.setText("10000");

}else if(nolan.getSelectedItem()=="Lantai 2 Kamar 24"){

    penghuni.setText("Kamilah");

    pergalon.setText("10000");

}else if(nolan.getSelectedItem()== "Lantai 3 Kamar 1"){

    penghuni.setText("Aulia");

    pergalon.setText("10000");

}else if(nolan.getSelectedItem()=="Lantai 3 Kamar 2"){

    penghuni.setText("Salsabila");

    pergalon.setText("10000");

}else if(nolan.getSelectedItem()== "Lantai 3 Kamar 3"){

    penghuni.setText("Hana");

    pergalon.setText("10000");

}else if(nolan.getSelectedItem()=="Lantai 3 Kamar 4"){

    penghuni.setText("Aliyah");

    pergalon.setText("10000");

}else if(nolan.getSelectedItem()== "Lantai 3 Kamar 5"){

    penghuni.setText("Laras");

    pergalon.setText("10000");

}else if(nolan.getSelectedItem()=="Lantai 3 Kamar 6"){

    penghuni.setText("Melani");

    pergalon.setText("10000");

}else if(nolan.getSelectedItem()== "Lantai 3 Kamar 7"){

    penghuni.setText("Nadira");
```

```java
        pergalon.setText("10000");
    }else if(nolan.getSelectedItem()=="Lantai 3 Kamar 8"){
        penghuni.setText("Sinta");
        pergalon.setText("10000");
    }else if(nolan.getSelectedItem()== "Lantai 3 Kamar 9"){
        penghuni.setText("Cindy");
        pergalon.setText("10000");
    }else if(nolan.getSelectedItem()=="Lantai 3 Kamar 10"){
        penghuni.setText("Rina");
        pergalon.setText("10000");
    }else if(nolan.getSelectedItem()== "Lantai 3 Kamar 11"){
        penghuni.setText("Yulia");
        pergalon.setText("10000");
    }else if(nolan.getSelectedItem()=="Lantai 3 Kamar 12"){
        penghuni.setText("Fitri");
        pergalon.setText("10000");
    }else if(nolan.getSelectedItem()== "Lantai 3 Kamar 13"){
        penghuni.setText("Ayu");
        pergalon.setText("10000");
    }else if(nolan.getSelectedItem()=="Lantai 3 Kamar 14"){
        penghuni.setText("Intan");
        pergalon.setText("10000");
    }else if(nolan.getSelectedItem()== "Lantai 3 Kamar 15"){
        penghuni.setText("Kartika");
        pergalon.setText("10000");
    }else if(nolan.getSelectedItem()=="Lantai 3 Kamar 16"){
        penghuni.setText("Lestari");
        pergalon.setText("10000");
    }else if(nolan.getSelectedItem()== "Lantai 3 Kamar 17"){
        penghuni.setText("Sarah");
        pergalon.setText("10000");
```

```java
        }else if(nolan.getSelectedItem()=="Lantai 3 Kamar 18"){

            penghuni.setText("Maya");

            pergalon.setText("10000");

        }else if(nolan.getSelectedItem()== "Lantai 3 Kamar 19"){

            penghuni.setText("Putri");

            pergalon.setText("10000");

        }else if(nolan.getSelectedItem()=="Lantai 3 Kamar 20"){

            penghuni.setText("Jesika");

            pergalon.setText("10000");

        }else if(nolan.getSelectedItem()== "Lantai 3 Kamar 21"){

            penghuni.setText("Jasmine");

            pergalon.setText("10000");

        }else if(nolan.getSelectedItem()=="Lantai 3 Kamar 22"){

            penghuni.setText("Virgie");

            pergalon.setText("10000");

        }else if(nolan.getSelectedItem()== "Lantai 3 Kamar 23"){

            penghuni.setText("Vina");

            pergalon.setText("10000");

        }else if(nolan.getSelectedItem()== "Lantai 3 Kamar 24"){

            penghuni.setText("Alma");

            pergalon.setText("10000");

        }

        }else{

            penghuni.setText("Fahira");

            pergalon.setText("10000");

        }

    }


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

        // TODO add your handling code here:

        if(antar.getSelectedItem()=="Pukul : 08.00 - 10.00"){
```

```java
        biayapengantar.setText("5000");

    if(antar.getSelectedItem()=="Pukul : 13.00 - 16.00"){

        biayapengantar.setText("7000");

    }else{

        biayapengantar.setText("10000");

    }

    }

}


    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
     try {
        // TODO add your handling code here:

        int galon = Integer.parseInt(pergalon.getText());

        int jumlahgalon = Integer.parseInt(jumlah.getText());

        int bitar = Integer.parseInt(biayapengantar.getText());

        int tobar = (galon * jumlahgalon) + bitar;


        totalbayar.setText(Integer.toString(tobar));

        tampilkanNotifikasi("Total pembayaran berhasil dihitung: Rp" + tobar);
    } catch (NumberFormatException e) {

        JOptionPane.showMessageDialog(this, "Masukkan data dengan benar!", "Error",
JOptionPane.ERROR_MESSAGE);

    }




    }


    private void uangbayarFocusLost(java.awt.event.FocusEvent evt) {

        // TODO add your handling code here:

        int cektotal = Integer.parseInt(totalbayar.getText());
```

```java
        int cekbayar = Integer.parseInt(uangbayar.getText());

        if(cekbayar < cektotal){
            JOptionPane.showMessageDialog(null,
                    "Uang bayar Kurang Dari Total Bayar",
                    "Peringatan", JOptionPane.WARNING_MESSAGE);
        }else{
            int hitungkembalian = cekbayar - cektotal;
            kembalian.setText(Integer.valueOf(hitungkembalian).toString());
        }
    }

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

    private void jumlahKeyTyped(java.awt.event.KeyEvent evt) {
        // TODO add your handling code here:
        FilterAngka(evt);
        JumlahKarakterpergalon(evt);
    }

    private void uangbayarKeyTyped(java.awt.event.KeyEvent evt) {
        // TODO add your handling code here:
        FilterAngka(evt);
    }

    /**
     * @param args the command line arguments
     */
    public static void main(String args[]) {
```

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

```java
    });
}


// Variables declaration - do not modify
private javax.swing.JComboBox<String> antar;
private javax.swing.JTextField biayapengantar;
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel11;
private javax.swing.JLabel jLabel12;
private javax.swing.JLabel jLabel13;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JLabel jfield;
private javax.swing.JTextField jumlah;
private javax.swing.JTextField kembalian;
private javax.swing.JComboBox<String> nolan;
private javax.swing.JTextField penghuni;
private javax.swing.JTextField pergalon;
```

```java
    private javax.swing.JTextField tanggal;

    private javax.swing.JTextField totalbayar;

    private javax.swing.JTextField transaksi;

    private javax.swing.JTextField uangbayar;

    // End of variables declaration

}
```