

MENUAL BOOK

1. Menyiapkan Project
 - Buka aplikasi Netbeans anda, kemudian buat project baru dengan nama Dokumen.
 - Setelah anda membuat project baru.

2. Membuat kelas

- Buat class "konfig" dan buat JFrame "Login","dokumen"
- Class konfig fungsinya untuk menyambungkan ke database, Isikan di class konfig seperti dibawah ini :

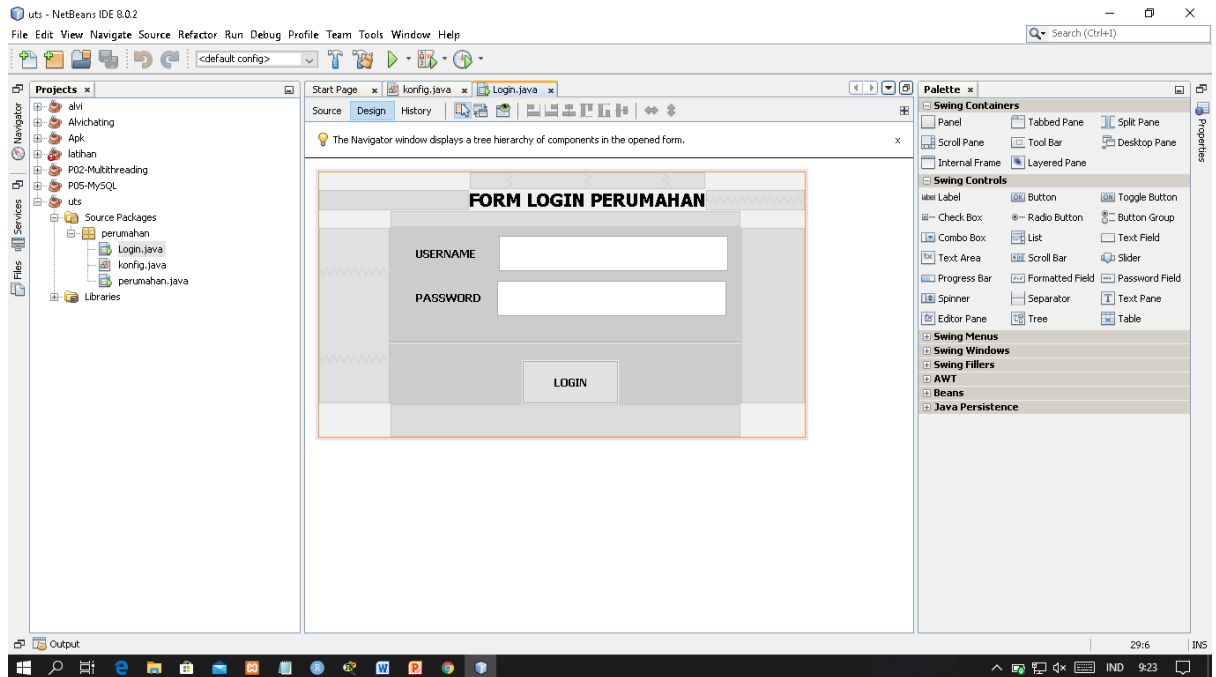
```
package perumahan;
```

```
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.SQLException;
```

```
public class konfig {  
    private static Connection MySQLConfig;  
  
    public static Connection configDB () throws SQLException{  
        try {  
            String url = "jdbc:mysql://localhost:8080/db_perumahan";  
            String user = "root";  
            String pass = "rootroot";  
  
            DriverManager.registerDriver(new com.mysql.jdbc.Driver());  
            MySQLConfig = DriverManager.getConnection(url , user , pass);  
  
        } catch (Exception e) {  
            System.out.println("Koneksi Ke Database Gagal"+e.getMessage());  
        }  
        return MySQLConfig;  
    }  
}
```

3. JFrame

- Buat JFrame login seperti di bawah ini :



Kita import seperti ini

```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
```

```
package perumahan;
import java.awt.Frame;
import java.security.MessageDigest;
import java.security.NoSuchAlgorithmException;
import java.sql.Connection;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
```

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

```
    /**
     * Creates new form Login
     */
    public Login() {
        initComponents();
    }
```

```
    /**
     * This method is called from within the constructor to initialize the form.
     * WARNING: Do NOT modify this code. The content of this method is always
     * regenerated by the Form Editor.
```

```

*/
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
    java.awt.GridBagConstraints gridBagConstraints;

    jPanel3 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    txtusername = new javax.swing.JTextField();
    txtpassword = new javax.swing.JPasswordField();
    jSeparator1 = new javax.swing.JSeparator();
    btnlogin = new javax.swing.JButton();
    jLabel3 = new javax.swing.JLabel();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    jPanel3.setBackground(new java.awt.Color(204, 204, 204));
    jPanel3.setLayout(new java.awt.GridBagLayout());

    jLabel1.setBackground(new java.awt.Color(255, 255, 255));
    jLabel1.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
    jLabel1.setText("USERNAME");
    gridBagConstraints = new java.awt.GridBagConstraints();
    gridBagConstraints.gridx = 0;
    gridBagConstraints.gridy = 0;
    gridBagConstraints.ipady = 24;
    gridBagConstraints.anchor = java.awt.GridBagConstraints.NORTHWEST;
    gridBagConstraints.insets = new java.awt.Insets(10, 30, 0, 0);
    jPanel3.add(jLabel1, gridBagConstraints);

    jLabel2.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
    jLabel2.setText("PASSWORD");
    gridBagConstraints = new java.awt.GridBagConstraints();
    gridBagConstraints.gridx = 0;
    gridBagConstraints.gridy = 1;
    gridBagConstraints.gridwidth = 2;
    gridBagConstraints.ipady = 24;
    gridBagConstraints.anchor = java.awt.GridBagConstraints.NORTHWEST;
    gridBagConstraints.insets = new java.awt.Insets(10, 30, 0, 0);
    jPanel3.add(jLabel2, gridBagConstraints);

    txtusername.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            txtusernameActionPerformed(evt);
        }
    }

```

```

});
gridBagConstraints = new java.awt.GridBagConstraints();
gridBagConstraints.gridx = 2;
gridBagConstraints.gridy = 0;
gridBagConstraints.gridwidth = 3;
gridBagConstraints.ipadx = 254;
gridBagConstraints.ipady = 20;
gridBagConstraints.anchor = java.awt.GridBagConstraints.NORTHWEST;
gridBagConstraints.insets = new java.awt.Insets(10, 20, 0, 0);
jPanel3.add(txtusername, gridBagConstraints);

txtpassword.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        txtpasswordActionPerformed(evt);
    }
});
gridBagConstraints = new java.awt.GridBagConstraints();
gridBagConstraints.gridx = 2;
gridBagConstraints.gridy = 1;
gridBagConstraints.gridwidth = 2;
gridBagConstraints.gridheight = 2;
gridBagConstraints.ipadx = 254;
gridBagConstraints.ipady = 20;
gridBagConstraints.anchor = java.awt.GridBagConstraints.NORTHWEST;
gridBagConstraints.insets = new java.awt.Insets(11, 18, 0, 0);
jPanel3.add(txtpassword, gridBagConstraints);
gridBagConstraints = new java.awt.GridBagConstraints();
gridBagConstraints.gridx = 0;
gridBagConstraints.gridy = 3;
gridBagConstraints.gridwidth = 6;
gridBagConstraints.ipadx = 399;
gridBagConstraints.ipady = 9;
gridBagConstraints.anchor = java.awt.GridBagConstraints.NORTHWEST;
gridBagConstraints.insets = new java.awt.Insets(29, 0, 0, 0);
jPanel3.add(jSeparator1, gridBagConstraints);

btnlogin.setFont(new java.awt.Font("Tahoma", 1, 13)); // NOI18N
btnlogin.setText("LOGIN");
btnlogin.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btnloginActionPerformed(evt);
    }
});
gridBagConstraints = new java.awt.GridBagConstraints();
gridBagConstraints.gridx = 2;
gridBagConstraints.gridy = 4;

```

```

gridBagConstraints.ipadx = 41;
gridBagConstraints.ipady = 25;
gridBagConstraints.anchor = java.awt.GridBagConstraints.NORTHWEST;
gridBagConstraints.insets = new java.awt.Insets(10, 46, 0, 0);
jPanel3.add(btnlogin, gridBagConstraints);

jLabel3.setBackground(new java.awt.Color(0, 153, 153));
jLabel3.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N
jLabel3.setText("FORM LOGIN PERUMAHAN");

javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
            layout.createSequentialGroup()
                .addGap(80, Short.MAX_VALUE)
                .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(72, 72, 72)
                .addGroup(layout.createSequentialGroup()
                    .addGap(170, 170, 170)
                    .addComponent(jLabel3)
                    .addGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
                );
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(19, Short.MAX_VALUE)
                .addComponent(jLabel3)
                .addGap(18, 18, 18)
                .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(37, 37, 37))
            );

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

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

```

```

    }

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

    private void btnloginActionPerformed(java.awt.event.ActionEvent evt) {
        doLogin();
    }

    /**
     * @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 :
java.swing.UIManager.getInstalledLookAndFeels()) {
                if ("Nimbus".equals(info.getName())) {
                    javax.swing.UIManager.setLookAndFeel(info.getClassName());
                    break;
                }
            }
        } catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level
l.SEVERE, null, ex);
        } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level
l.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level
l.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

```

```

    }
    //</editor-fold>

    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new Runnable() {
        public void run() {
            Login login = new Login();
            login.setExtendedState(Frame.MAXIMIZED_BOTH);
            login.setVisible(true);
        }
    });
}

// Variables declaration - do not modify
private javax.swing.JButton btnlogin;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JPanel jPanel3;
private javax.swing.JSeparator jSeparator1;
private javax.swing.JPasswordField txtpassword;
private javax.swing.JTextField txtusername;
// End of variables declaration
public void doLogin() {
    btnlogin.setEnabled(false);
    String user = txtusername.getText();
    char[] pass = txtpassword.getPassword();
    if (user.isEmpty()) {
        JOptionPane.showMessageDialog(this, "Username harus diisi");
        txtusername.requestFocus();
    } else if (pass.length == 0) {
        JOptionPane.showMessageDialog(this, "Password harus diisi");
        txtpassword.requestFocus();
    } else {
        String password = new String(pass);
        String md5_pass = md5(password);
        try {
            Connection c = konfig.configDB();
            Statement st = c.createStatement();
            String q = " SELECT * FROM db_login "
                + "WHERE username = '" + user + "' "
                + "AND password = '" + md5_pass + "'";
            ResultSet rs = st.executeQuery(q);
            int n = 0;
            while (rs.next()) {
                String u = rs.getString("username");
            }
        } catch (SQLException e) {
            e.printStackTrace();
        }
    }
}

```

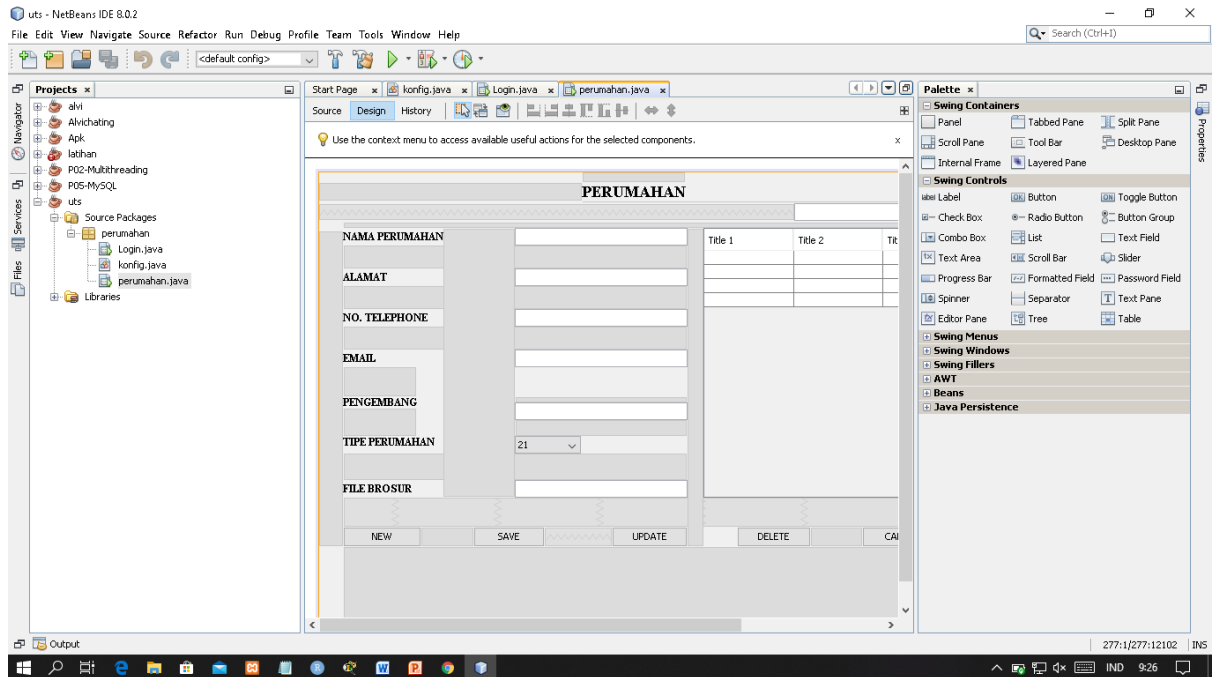
```

        String p = rs.getString("password");
        n++;
    }
    if (n == 0) {
        JOptionPane.showMessageDialog(this, "Username/password salah!");
        txtusername.requestFocus();
        btnlogin.setEnabled(true);
    } else {
        perumahan kar = new perumahan();
        this.setVisible(false);
        kar.setExtendedState(Frame.MAXIMIZED_BOTH);
        kar.setVisible(true);
    }
} catch (Exception e) {
    System.out.println(e.getMessage());
}
}
}

public static String md5(String data) {
    String hashed = "";
    try {
        MessageDigest md5 = MessageDigest.getInstance("MD5");
        md5.update(data.getBytes());
        byte[] byteData = md5.digest();
        StringBuilder sb = new StringBuilder();
        for (int i = 0; i < byteData.length; i++) {
            sb.append(Integer.toString((byteData[i] & 0xff)
                + 0x100, 16).substring(1));
        }
        hashed = sb.toString();
    } catch (NoSuchAlgorithmException e) {
    }
    return hashed;
}
}

```

4. Membuat disain perumahan



kita isikan

/*

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* To change this template file, choose Tools | Templates

* and open the template in the editor.

*/

package perumahan;

import java.awt.HeadlessException;

import java.sql.Connection;

import java.sql.SQLException;

import javax.swing.JOptionPane;

import javax.swing.table.DefaultTableModel;

public class perumahan extends javax.swing.JFrame {

```
private void kosongkan_from() {
    txtnama.setEditable(true);
    txtnama.setText(null);
    txtalamat.setText(null);
    txtnama.setText(null);
    txtemail.setText(null);
    txtpengembang.setText(null);
    cmbtipe.setSelectedItem(this);
    txtfile.setText(null);
}
```

```
private void tampilkan_data() {
    DefaultTableModel model = new DefaultTableModel();
```

```

        model.addColumn("No.");
        model.addColumn("Nama Perumahan");
        model.addColumn("Alamat");
        model.addColumn("No. Telephone");
        model.addColumn("Email");
        model.addColumn("Pengembang");
        model.addColumn("Tipe Perumahan");
        model.addColumn("File Brosur");

        String cari= txtcari.getText();
        try {
            int no = 1;
            String sql = "SELECT *FROM data_perumahan WHERE nama LIKE
'% "+cari+"%' ";
            java.sql.Connection conn = (Connection)konfig.configDB();
            java.sql.Statement stm = conn.createStatement();
            java.sql.ResultSet res = stm.executeQuery(sql);

            while (res.next()) {
                model.addRow(new Object[]{no++,res.getString(1),
res.getString(2),res.getString(3),res.getString(4),res.getString(5),res.getString(6)});
            }
            tabelperumahan.setModel(model);
        } catch (Exception e) {
            System.out.println("Error : "+e.getMessage());
        }
    }
}

```

```

/**
 * Creates new form perumahan
 */
public perumahan() {
    initComponents();
    tampilkan_data();
    kosongkan_from();
}

```

```

/**
 * 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() {

    txtnama = new javax.swing.JTextField();
    txtfile = new javax.swing.JTextField();
    txtalamat = new javax.swing.JTextField();
    txtno_tlp = new javax.swing.JTextField();
    txtpengembang = new javax.swing.JTextField();
    txtemail = new javax.swing.JTextField();
    cmbtipe = new javax.swing.JComboBox<>();
    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
    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();
    jScrollPane1 = new javax.swing.JScrollPane();
    tabelperumahan = new javax.swing.JTable();
    jLabel8 = new javax.swing.JLabel();
    btnsave = new javax.swing.JButton();
    btnnew = new javax.swing.JButton();
    btnupdate = new javax.swing.JButton();
    btndelete = new javax.swing.JButton();
    btncancel = new javax.swing.JButton();
    btnexit = new javax.swing.JButton();
    txtcari = new javax.swing.JTextField();
    jButton1 = new javax.swing.JButton();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    txtalamat.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            txtalamatActionPerformed(evt);
        }
    });

    cmbtipe.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
    "21", "36", "45", "54", "60" }));

    jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N
    jLabel1.setText("NAMA PERUMAHAN");

    jLabel2.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N
    jLabel2.setText("ALAMAT");

```

```
jLabel3.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N
jLabel3.setText("NO. TELEPHONE");
```

```
jLabel4.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N
jLabel4.setText("EMAIL");
```

```
jLabel5.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N
jLabel5.setText("PENGEMBANG");
```

```
jLabel6.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N
jLabel6.setText("TIPE PERUMAHAN");
```

```
jLabel7.setFont(new java.awt.Font("Times New Roman", 1, 12)); // NOI18N
jLabel7.setText("FILE BROSUR");
```

```
tabelperumahan.setModel(new javax.swing.table.DefaultTableModel(
    new Object [][] {
        {null, null, null, null},
        {null, null, null, null},
        {null, null, null, null},
        {null, null, null, null}
    },
    new String [] {
        "Title 1", "Title 2", "Title 3", "Title 4"
    }
));
tabelperumahan.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        tabelperumahanMouseClicked(evt);
    }
});
jScrollPane1.setViewportViewView(tabelperumahan);
```

```
jLabel8.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
jLabel8.setText("PERUMAHAN");
```

```
btnsave.setText("SAVE");
btnsave.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btnsaveActionPerformed(evt);
    }
});
```

```
btnnew.setText("NEW");
btnnew.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
```

```

        btnnewActionPerformed(evt);
    }
});

btnupdate.setText("UPDATE");
btnupdate.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btnupdateActionPerformed(evt);
    }
});

btndelete.setText("DELETE");
btndelete.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btndeleteActionPerformed(evt);
    }
});

btncancel.setText("CANCEL");
btncancel.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btncancelActionPerformed(evt);
    }
});

btnexit.setText("EXIT");
btnexit.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btnexitActionPerformed(evt);
    }
});

txtcari.addKeyListener(new java.awt.event.KeyAdapter() {
    public void keyPressed(java.awt.event.KeyEvent evt) {
        txtcariKeyPressed(evt);
    }
});

jButton1.setText("Search");

javax.swing.GroupLayout layout = new
javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .add(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .add(jButton1)
                .add(txtcari)
                .add(btnnew)
                .add(btnupdate)
                .add(btndelete)
                .add(btncancel)
                .add(btnexit)
            )
            .addContainerGap(15, Short.MAX_VALUE))
        .add(jButton1)
);

```

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

```
    .addGroup(layout.createSequentialGroup()  
        .addGap(0, 0, Short.MAX_VALUE)  
        .addComponent(txtcari,  
            javax.swing.GroupLayout.PREFERRED_SIZE, 200,  
            javax.swing.GroupLayout.PREFERRED_SIZE)  
        .addGap(18, 18, 18)  
        .addComponent(jButton1,  
            javax.swing.GroupLayout.PREFERRED_SIZE, 87,  
            javax.swing.GroupLayout.PREFERRED_SIZE))
```

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

```
    .addGroup(layout.createSequentialGroup()  
        .addGap(298, 298, 298)  
        .addComponent(jLabel8))  
    .addGroup(layout.createSequentialGroup()  
        .addGap(27, 27, 27)
```

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

```
    .addGroup(layout.createSequentialGroup()
```

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

```
    .addComponent(jLabel1)  
    .addComponent(jLabel2)  
    .addComponent(jLabel3)  
    .addComponent(jLabel4)  
    .addComponent(jLabel5)  
    .addComponent(jLabel6)  
    .addComponent(jLabel7))  
    .addGap(81, 81, 81)
```

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

```
    .addComponent(txtpengembang,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 196,  
        javax.swing.GroupLayout.PREFERRED_SIZE)  
    .addComponent(cmbtipe,  
        javax.swing.GroupLayout.PREFERRED_SIZE, 75,  
        javax.swing.GroupLayout.PREFERRED_SIZE)
```

```

        .addComponent(txtfile,
javax.swing.GroupLayout.PREFERRED_SIZE, 196,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(txtalamat,
javax.swing.GroupLayout.PREFERRED_SIZE, 196,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(txtnama,
javax.swing.GroupLayout.PREFERRED_SIZE, 196,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(txtno_tlp,
javax.swing.GroupLayout.PREFERRED_SIZE, 196,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(txtemail,
javax.swing.GroupLayout.PREFERRED_SIZE, 196,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGroup(layout.createSequentialGroup())
        .addComponent(btnnew,
javax.swing.GroupLayout.PREFERRED_SIZE, 89,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(59, 59, 59)
        .addComponent(btnsave,
javax.swing.GroupLayout.PREFERRED_SIZE, 81,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(btnupdate,
javax.swing.GroupLayout.PREFERRED_SIZE, 86,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addGap(18, 18, 18)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
G)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup())
        .addComponent(btndelete,
javax.swing.GroupLayout.PREFERRED_SIZE, 84,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(58, 58, 58)
        .addComponent(btncancel,
javax.swing.GroupLayout.PREFERRED_SIZE, 90,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(45, 45, 45)
        .addComponent(btnexit,
javax.swing.GroupLayout.PREFERRED_SIZE, 93,
javax.swing.GroupLayout.PREFERRED_SIZE))

```

```

        .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE, 408,
javax.swing.GroupLayout.PREFERRED_SIZE))))
        .addContainerGap(22, Short.MAX_VALUE))
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jLabel8)
            .addGap(1, 1, 1)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASLI
NE)
            .addComponent(txtcari, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jButton1))

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

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILI
NG)
            .addComponent(jScrollPane1,
javax.swing.GroupLayout.PREFERRED_SIZE, 306,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGroup(layout.createSequentialGroup()

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASLI
NE)
            .addComponent(jLabel1)
            .addComponent(txtnama,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))
            .addGap(26, 26, 26)

        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASLI
NE)
            .addComponent(txthalmat,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel2))
            .addGap(26, 26, 26)

```



```

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(txtno_tlp,
                javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel3))
.addGap(26, 26, 26)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(txtemail,
                javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel4))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(33, 33, 33)
                .addComponent(jLabel5)
                .addGap(31, 31, 31))
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
                layout.createSequentialGroup()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(txtpengembang,
                javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)))

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addComponent(cmbtipe,
                javax.swing.GroupLayout.PREFERRED_SIZE,
                javax.swing.GroupLayout.DEFAULT_SIZE,
                javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel6))
.addGap(30, 30, 30)

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

```

```

        .addComponent(txtfile,
javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(jLabel7))))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 33,
Short.MAX_VALUE)

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

        .addComponent(btndelete)
        .addComponent(btnsave)
        .addComponent(btnnew)
        .addComponent(btnupdate)
        .addComponent(btncancel)
        .addComponent(btnexit))
        .addGap(91, 91, 91))
);

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

```

```

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

```

```

private void btnupdateActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try {
        String sql = "UPDATE data_perumahan SET alamat =
"+txtalamat.getText()+"",no.telephone = "+txtno_tlp.getText()+"",email =
"+txtemail.getText()+"",pengembang = "+txtpengembang.getText()+"",tipe
perumahan = "+cmbtipe.getSelectedItem()+"",file brosur = "+txtfile.getText()+"
WHERE nama = "+txtnama.getText()+"";
        java.sql.Connection conn = (Connection)konfig.configDB();
        java.sql.PreparedStatement pstmt = conn.prepareStatement(sql);
        pstmt.execute();
        JOptionPane.showMessageDialog(null, "Edit Data Berhasil");
    } catch (HeadlessException | SQLException e) {
        JOptionPane.showMessageDialog(this, e.getMessage());
    }
    tampilkan_data();
    kosongkan_from();
}

```

```

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

private void btnexitActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    System.exit(0);
}

private void btnnewActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try {
        String sql = "INSERT INTO data_perumahan VALUES
(""+txtnama.getText()+"','"+txtalamat.getText()+"','"+txtno_tlp.getText()+"','"+txtemail.getText()+"','"+txtpengembang.getText()+"','"+cmbtipe.getSelectedItem()+"','"+txtfile.getText()+"")";
        java.sql.Connection conn = (Connection)konfig.configDB();
        java.sql.PreparedStatement pstmt = conn.prepareStatement(sql);
        pstmt.execute();
        JOptionPane.showMessageDialog(null, "Proses simpan Data berhasil");
        tampilkan_data();
        kosongkan_from();
    } catch (HeadlessException | SQLException e) {
        JOptionPane.showMessageDialog(this, e.getMessage());
    }
}

private void tabelperumahanMouseClicked(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
    int baris = tabelperumahan.rowAtPoint(evt.getPoint());
    String nama = tabelperumahan.getValueAt(baris, 1).toString();
    txtnama.setText(nama);

    String alamat = tabelperumahan.getValueAt(baris, 2).toString();
    txtalamat.setText(alamat);

    String no_tlp = tabelperumahan.getValueAt(baris, 3).toString();
    txtno_tlp.setText(no_tlp);

    String email = tabelperumahan.getValueAt(baris, 4).toString();
    txtemail.setText(email);

    String pengembang = tabelperumahan.getValueAt(baris, 5).toString();
    txtpengembang.setText(pengembang);
}

```

```

String tipe = tabelperumahan.getValueAt(baris, 6).toString();
cmbtipe.setSelectedItem(tipe);

String file = tabelperumahan.getValueAt(baris, 7).toString();
txtfile.setText(file);
}

private void btndeleteActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    try {
        String sql = "DELETE FROM data_perumahan WHERE nama = "
            +txtnama.getText()+"";
        java.sql.Connection conn = (Connection)konfig.configDB();
        java.sql.PreparedStatement pstmt = conn.prepareStatement(sql);
        pstmt.execute();
        JOptionPane.showMessageDialog(null, "Hapus Data Berhasil");
    } catch (HeadlessException | SQLException e) {
        JOptionPane.showMessageDialog(this, e.getMessage());
    }
    tampilkan_data();
    kosongkan_from();
}

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

    try {
        String sql = "INSERT INTO data_perumahan VALUES "
            (""+txtnama.getText()+", ""+txtalamat.getText()+", ""+txtno_tlp.getText()+", ""+txtema
            il.getText()+", ""+txtpengembang.getText()+", ""+cmbtipe.getSelectedItem()+", ""+txtfi
            le.getText()+""");
        java.sql.Connection conn = (Connection)konfig.configDB();
        java.sql.PreparedStatement pstmt = conn.prepareStatement(sql);
        pstmt.execute();
        JOptionPane.showMessageDialog(null, "Proses simpan Data berhasil");
        tampilkan_data();
        kosongkan_from();
    } catch (HeadlessException | SQLException e) {
        JOptionPane.showMessageDialog(this, e.getMessage());
    }
}

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

```

```

        tampilkan_data();
    }

    /**
     * @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(perumahan.class.getName()).log(java.util.logging.
Level.SEVERE, null, ex);
        } catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(perumahan.class.getName()).log(java.util.logging.
Level.SEVERE, null, ex);
        } catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(perumahan.class.getName()).log(java.util.logging.
Level.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

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

```

```

    }
    });
}

// Variables declaration - do not modify
private javax.swing.JButton btncancel;
private javax.swing.JButton btndelete;
private javax.swing.JButton btnexit;
private javax.swing.JButton btnnew;
private javax.swing.JButton btnsave;
private javax.swing.JButton btnupdate;
private javax.swing.JComboBox<String> cmbtipe;
private javax.swing.JButton jButton1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JScrollPane jScrollPane1;
private javax.swing.JTable tabelperumahan;
private javax.swing.JTextField txtalamat;
private javax.swing.JTextField txtcari;
private javax.swing.JTextField txtemail;
private javax.swing.JTextField txtfile;
private javax.swing.JTextField txtnama;
private javax.swing.JTextField txtno_tlp;
private javax.swing.JTextField txtpengembang;
// End of variables declaration
}

```

HASIL RUN

1. LOGIN

