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Kelas: 4C

MK: Pemrograman Komputer 2

## Manual Book

1. Membuat data base - Buka xampp, lalu aktifkan Apache dan Mysql dan pilih admin untuk masuk ke phpmyadmin - Lalu kita buat basis data seperti di bawah ini :



- Bagian admin kalian bikin seperti di bawah ini :

#	Nama	Jenis	Penyortiran	Atribut	Tak Ternilai	Bawaan	Komentar	Ekstra	Tindakan
1	id_admin	int(11)			Tidak	Tidak ada		AUTO_INCREMENT	Ubah Hapus Lainnya
2	namaLengkap	varchar(25)	utf8mb4_general_ci		Tidak	Tidak ada			Ubah Hapus Lainnya
3	username	varchar(25)	utf8mb4_general_ci		Tidak	Tidak ada			Ubah Hapus Lainnya
4	password	varchar(25)	utf8mb4_general_ci		Tidak	Tidak ada			Ubah Hapus Lainnya

↑ Pilih Semua Dengan pilihan: Jelajahi Ubah Hapus Utama Unik Indeks Teks penuh Add to central column  
Remove from central columns

-Bagian dokumen

#	Nama	Jenis	Penyortiran	Atribut	Tak Ternilai	Bawaan	Komentar	Ekstra	Tindakan
1	id	int(11)			Tidak	Tidak ada		AUTO_INCREMENT	Ubah Hapus Lainnya
2	kode	int(11)			Tidak	Tidak ada			Ubah Hapus Lainnya
3	nama	varchar(50)	utf8mb4_general_ci		Tidak	Tidak ada			Ubah Hapus Lainnya
4	kategori	varchar(50)	utf8mb4_general_ci		Tidak	Tidak ada			Ubah Hapus Lainnya
5	lokasi	blob			Tidak	Tidak ada			Ubah Hapus Lainnya
6	deskripsi	varchar(50)	utf8mb4_general_ci		Tidak	Tidak ada			Ubah Hapus Lainnya
7	tanggal	varchar(50)	utf8mb4_general_ci		Tidak	Tidak ada			Ubah Hapus Lainnya

↑ Pilih Semua Dengan pilihan: Jelajahi Ubah Hapus Utama Unik Indeks Teks penuh Add to central columns  
Remove from central columns

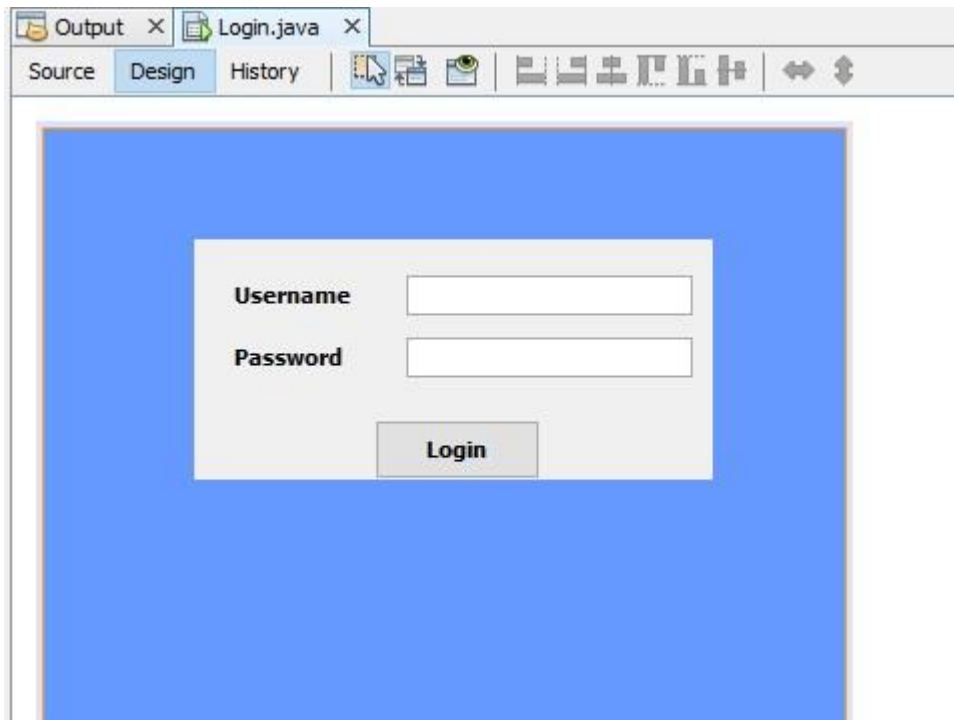
2. **Menyiapkan proyek** - Buka aplikasi Netbeans anda, kemudian buat project baru dengan nama kearsipan. - Setelah anda membuat project baru, buatlah package baru dengan nama app
3. **Membuat kelas** - Buat class "Koneksi" dan buat JFrame "Login","Aplikasi" - Class Koneksi fungsinya untuk menyambungkan ke database, Isikan di class Koneksi seperti dibawah ini : package app;

```

    * @author RamaPC
    */
    public class Koneksi {
        public static Connection MySQL() {
            try {
                MysqlDataSource ds = new MysqlDataSource();
                ds.setUser("root");
                ds.setPassword("");
                ds.setServerName("localhost");
                ds.setDatabaseName("arsip");
                ds.setServerTimezone("Asia/Jakarta");
                ds.setPortNumber(3306);
                Connection c = ds.getConnection();
                return c;
            } catch (Exception e) {
                System.err.println(e.getMessage());
                return null;
            }
        }

        public static void main(String[] args) {
            try {
                Connection cn = Koneksi.MySQL();
                System.out.println(cn.getCatalog());
            } catch (Exception e) {
            }
        }
    }
}
```

Kemudian **buat jframe login**



Untuk mempermudah txtfield dan jbutton nama variable diubah

Lalu pada button login dan txt klik kanan dan klik event kemudian action

Dan ketikkan proseslogin() di setiap event action tsb

Setelah itu tambah method dibawah ini

```

168 public void prosesLogin() {
169     String user = txtUser.getText();
170     char[] pass = txtPass.getPassword();
171     if (user.isEmpty()) {
172         JOptionPane.showMessageDialog(this, "Username harus diisi");
173         txtUser.requestFocus();
174     } else if (pass.length == 0) {
175         JOptionPane.showMessageDialog(this, "Password harus diisi");
176         txtPass.requestFocus();
177     }
178     else {
179         String password = new String(pass);
180         try {
181             Connection c = Koneksi.MySQL();
182             Statement st = c.createStatement();
183             String q = "SELECT * FROM admin "
184                 + "WHERE username='" + user + "' "
185                 + "AND password=MD5('" + password + "')";
186             ResultSet rs = st.executeQuery(q);
187             if (rs.next()) {
188                 Aplikasi h = new Aplikasi();
189                 h.setExtendedState(Frame.MAXIMIZED_BOTH);
190                 this.setVisible(false);
191                 h.setVisible(true);
192             } else {
193                 JOptionPane.showMessageDialog(this, "Username/Password salah");
194                 txtUser.requestFocus();
195             }
196         } catch (HeadlessException | SQLException e) {
197             JOptionPane.showMessageDialog(this, e.getMessage());
198         }
199     }
200 }

```

Selanjutnya adalah membuat jframe aplikasi

Title 1	Title 2	Title 3	Title 4

kemudian ketikkan kodingan dibawah ini

```
* @author RamaPC
```

```
*/
```

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

```
    int idBaris = 0;
```

```
    String role;
```

```
    DefaultTableModel model;
```

```
    String filename = null;
```

```
    public Aplikasi() {
```

```
        initComponents();
```

```
        aturModelTabel();
```

```
        kategori();
```

```
        showForm(false);
```

```
        showData("");
```

```
}
```

```
private void aturModelTabel() {
```

```
    Object[] kolom = {"id", "Kode", "Nama", "Kategori", "lokasi", "Deskripsi", "Tanggal"};
```

```
    model = new DefaultTableModel(kolom, 0) {
```

```
        boolean[] canEdit = new boolean[]{
```

```
            false, false, false, false, false, false
```

```
        };
```

```
        @Override
```

```
        public boolean isCellEditable(int rowIndex, int columnIndex) {
```

```
            return canEdit[columnIndex];
```

```
        }
```

```
    };
```

```
    tblarsip.setModel(model);
```

```
    tblarsip.setRowHeight(20);
```

```
    tblarsip.getColumnModel().getColumn(0).setMinWidth(0);
```

```
    tblarsip.getColumnModel().getColumn(0).setMaxWidth(0);
```

```
}
```

```
private void showForm(boolean b) {
```

```
    areaSplit.setDividerLocation(0.3);
```

```
    areaSplit.getLeftComponent().setVisible(b);
```

```
}
```

```
private void resetForm() {
```

```
    tblarsip.clearSelection();
```

```
    txtkode.setText("");
```

```
    txtnama.setText("");
```

```
    cmbkategori.setSelectedIndex(0);
```

```
    txtlokasi.setText("");
```

```
txtdeskripsi.setText("");  
txttanggal.setText("");  
txtkode.requestFocus();  
}
```

```
private void kategori() {  
    cmbkategori.removeAllItems();  
    cmbkategori.addItem("Pilih Kategori");  
    cmbkategori.addItem("Rahasia");  
    cmbkategori.addItem("Resmi");  
    cmbkategori.addItem("Biasa");  
}
```

```
private void showData(String key) {  
    model.getDataVector().removeAllElements();  
    String where = "";  
    if (!key.isEmpty()) {  
        where += "WHERE kode LIKE '%" + key + "%' "  
            + "OR nama LIKE '%" + key + "%' "  
            + "OR kategori LIKE '%" + key + "%' "  
            + "OR lokasi LIKE '%" + key + "%' "  
            + "OR deskripsi LIKE '%" + key + "%' "  
            + "OR tanggal LIKE '%" + key + "%'";  
    }  
    String sql = "SELECT * FROM dokumen " + where;  
    Connection con;  
    Statement st;  
    ResultSet rs;  
    int baris = 0;  
    try {  
        con = Koneksi.MySQL();
```

```

st = con.createStatement();
rs = st.executeQuery(sql);
while (rs.next()) {
    Object id = rs.getInt(1);
    Object kode = rs.getInt(2);
    Object nama = rs.getString(3);
    Object kategori = rs.getString(4);
    Object lokasi = rs.getString(5);
    Object deskripsi = rs.getString(6);
    Object tanggal = rs.getString(7);
    Object[] data = {id, kode, nama, kategori, lokasi, deskripsi, tanggal};
    model.insertRow(baris, data);
    baris++;
}
st.close();
con.close();
tblarsip.revalidate();
tblarsip.repaint();
} catch (SQLException e) {
    System.err.println("showData(): " + e.getMessage());
}
}

```

```

private void resetView() {
    resetForm();
    showForm(false);
    showData("");
    btnHapus.setEnabled(false);
    idBaris = 0;
}

```



```

private void pilihData(String n) {

    btnHapus.setEnabled(true);

    String sql = "SELECT * FROM dokumen WHERE id='" + n + "'";

    Connection con;

    Statement st;

    ResultSet rs;

    try {

        con = Koneksi.MySQL();

        st = con.createStatement();

        rs = st.executeQuery(sql);

        while (rs.next()) {

            int id = rs.getInt(1);

            String kode = rs.getString(2);

            String nama = rs.getString(3);

            Object kategori = rs.getString(4);

            String lokasi = rs.getString(5);

            String deskripsi = rs.getString(6);

            String tanggal = rs.getString(7);

            idBaris = id;

            txtkode.setText(kode);

            txtnama.setText(nama);

            cmbkategori.setSelectedItem(kategori);

            txtlokasi.setText(lokasi);

            txtdeskripsi.setText(deskripsi);

            txttanggal.setText(tanggal);

        }

        st.close();

        con.close();

        showForm(true);

    } catch (SQLException e) {

        System.err.println("pilihData(): " + e.getMessage());
    }
}

```

```
}  
}
```

```
private void simpanData() {  
    String kode = txtkode.getText();  
    String nama = txtnama.getText();  
    Object kategori = cmbkategori.getSelectedItem();  
    String lokasi = txtlokasi.getText();  
    String deskripsi = txtdeskripsi.getText();  
    String tanggal = txttanggal.getText();  
  
    if (kode.isEmpty() || nama.isEmpty() || kategori.equals("") || lokasi.isEmpty() ||  
deskripsi.isEmpty()  
        || tanggal.isEmpty()) {  
        JOptionPane.showMessageDialog(this, "Mohon lengkapi data!");  
    } else {  
        String kategoria = cmbkategori.getSelectedItem().toString();  
        String sql  
            = "INSERT INTO dokumen (kode, nama, kategori, lokasi, deskripsi, tanggal)"  
            + "VALUES ('" + kode + "','" + nama + "','" + kategori + "','" + lokasi + "','" + deskripsi + "','"  
+ tanggal + "')";  
  
        Connection con;  
        Statement st;  
  
        try {  
            con = Koneksi.MySQL();  
            st = con.createStatement();  
            st.executeUpdate(sql);  
            st.close();  
            con.close();  
            resetView();  
            JOptionPane.showMessageDialog(this, "Data telah disimpan!");  
        } catch (SQLException e) {  
            JOptionPane.showMessageDialog(this, e.getMessage());  
        }  
    }  
}
```

```

    }
}
}

```

```

private void ubahData() {
    String kode = txtkode.getText();
    String nama = txtnama.getText();
    Object kategori = cmbkategori.getSelectedItem();
    String lokasi = txtlokasi.getText();
    String deskripsi = txtdeskripsi.getText();
    String tanggal = txttanggal.getText();

    if (kode.isEmpty() || nama.isEmpty() || kategori.equals("") || lokasi.isEmpty() ||
deskripsi.isEmpty()
        || tanggal.isEmpty()) {
        JOptionPane.showMessageDialog(this, "Mohon lengkapi data!");
    } else {
        String kategoria = cmbkategori.getSelectedItem().toString();
        String sql = "UPDATE dokumen "
            + "SET kode='" + kode + "',"
            + "nama='" + nama + "',"
            + "kategori='" + kategori + "',"
            + "lokasi='" + lokasi + "',"
            + "deskripsi='" + deskripsi + "',"
            + "tanggal='" + tanggal + "' WHERE id='" + idBaris + "'";

        Connection con;
        Statement st;
        try {
            con = Koneksi.MySQL();
            st = con.createStatement();
            st.executeUpdate(sql);
            st.close();

```

```

        con.close();

        resetView();

        JOptionPane.showMessageDialog(this, "Data telah diubah!");
    } catch (SQLException e) {
        JOptionPane.showMessageDialog(this, e.getMessage());
    }
}

```

```

private void hapusData(int baris) {
    Connection con;
    Statement st;
    try {
        con = Koneksi.MySQL();
        st = con.createStatement();
        st.executeUpdate("DELETE FROM dokumen WHERE id=" + baris);
        st.close();
        con.close();
        resetView();
        JOptionPane.showMessageDialog(this, "Data telah dihapus");
    } catch (SQLException e) {
        JOptionPane.showMessageDialog(this, e.getMessage());
    }
}

```

```

/**

```

```

 * 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() {
```

```
    btnTambah = new javax.swing.JButton();
```

```
    btnHapus = new javax.swing.JButton();
```

```
    txtCari = new java.awt.TextField();
```

```
    btnCari = new javax.swing.JButton();
```

```
    areaSplit = new javax.swing.JSplitPane();
```

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

```
    jLabel6 = new javax.swing.JLabel();
```

```
    jLabel7 = new javax.swing.JLabel();
```

```
    jLabel8 = new javax.swing.JLabel();
```

```
    jLabel9 = new javax.swing.JLabel();
```

```
    jLabel10 = new javax.swing.JLabel();
```

```
    txtkode = new javax.swing.JTextField();
```

```
    txtnama = new javax.swing.JTextField();
```

```
    cmbkategori = new javax.swing.JComboBox<>();
```

```
    txtdeskripsi = new javax.swing.JTextField();
```

```
    jSeparator1 = new javax.swing.JSeparator();
```

```
    btnTutup = new javax.swing.JButton();
```

```
    btnSimpan = new javax.swing.JButton();
```

```
    jLabel11 = new javax.swing.JLabel();
```

```
    txttanggal = new javax.swing.JTextField();
```

```
    txtlokasi = new javax.swing.JTextField();
```

```
    jButton1 = new javax.swing.JButton();
```

```
    jScrollPane1 = new javax.swing.JScrollPane();
```

```
    tblarsip = new javax.swing.JTable();
```

```
    btnKeluar = new javax.swing.JButton();
```

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

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

```
addComponentListener(new java.awt.event.ComponentAdapter() {  
    public void componentResized(java.awt.event.ComponentEvent evt) {  
        formComponentResized(evt);  
    }  
});
```

```
btnTambah.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
btnTambah.setText("Tambah Data");  
btnTambah.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        btnTambahActionPerformed(evt);  
    }  
});
```

```
btnHapus.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
btnHapus.setText("Hapus Data");  
btnHapus.addActionListener(new java.awt.event.ActionListener() {  
    public void actionPerformed(java.awt.event.ActionEvent evt) {  
        btnHapusActionPerformed(evt);  
    }  
});
```

```
txtCari.addKeyListener(new java.awt.event.KeyAdapter() {  
    public void keyReleased(java.awt.event.KeyEvent evt) {  
        txtCariKeyReleased(evt);  
    }  
});
```

```
btnCari.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
btnCari.setText("Cari");
```

```
panelKiri.setBackground(new java.awt.Color(51, 51, 255));
```

```
jLabel6.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N
```

```
jLabel6.setText("Kode ");
```

```
jLabel7.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N
```

```
jLabel7.setText("Nama Dokumen");
```

```
jLabel8.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N
```

```
jLabel8.setText("Kategori ");
```

```
jLabel9.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N
```

```
jLabel9.setText("Lokasi");
```

```
jLabel10.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N
```

```
jLabel10.setText("Deskripsi ");
```

```
cmbkategori.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Item 1",  
"Item 2", "Item 3", "Item 4" }));
```

```
btnTutup.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N
```

```
btnTutup.setText("Tutup");
```

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

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

```
        btnTutupActionPerformed(evt);
```

```
    }
```

```
});
```

```
btnSimpan.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N
```

```
btnSimpan.setText("Simpan");
```

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

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

```
jLabel11.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N  
jLabel11.setText("Tanggal");
```

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

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

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

```
javax.swing.GroupLayout panelKiriLayout = new javax.swing.GroupLayout(panelKiri);  
panelKiri.setLayout(panelKiriLayout);  
panelKiriLayout.setHorizontalGroup(  
    panelKiriLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```



```

        .addGroup(panelKiriLayout.createSequentialGroup())
        .addContainerGap()

    .addGroup(panelKiriLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(panelKiriLayout.createSequentialGroup())

    .addGroup(panelKiriLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
panelKiriLayout.createSequentialGroup())
        .addComponent(jLabel7, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(txtnama, javax.swing.GroupLayout.PREFERRED_SIZE, 172,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(29, 29, 29))
        .addGroup(panelKiriLayout.createSequentialGroup())

    .addGroup(panelKiriLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
        .addComponent(jLabel8)
        .addComponent(jLabel10, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
        .addComponent(jLabel6, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
        .addComponent(jLabel9, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)
        .addComponent(jLabel11))

    .addGroup(panelKiriLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
panelKiriLayout.createSequentialGroup())
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(txtlokasi, javax.swing.GroupLayout.PREFERRED_SIZE, 94,
javax.swing.GroupLayout.PREFERRED_SIZE)

```

```

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

        .addComponent(jButton1)

        .addGap(4, 4, 4))

    .addGroup(panelKiriLayout.createSequentialGroup())

        .addGap(42, 42, 42)

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

        .addComponent(txtdeskripsi, javax.swing.GroupLayout.PREFERRED_SIZE,
172, javax.swing.GroupLayout.PREFERRED_SIZE)

        .addComponent(txttanggal, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 172, javax.swing.GroupLayout.PREFERRED_SIZE)))

    .addGroup(panelKiriLayout.createSequentialGroup())

        .addGap(38, 38, 38)

        .addComponent(txtkode, javax.swing.GroupLayout.PREFERRED_SIZE, 172,
javax.swing.GroupLayout.PREFERRED_SIZE))

    .addGroup(panelKiriLayout.createSequentialGroup())

        .addGap(38, 38, 38)

        .addComponent(cmbkategori, javax.swing.GroupLayout.PREFERRED_SIZE,
172, javax.swing.GroupLayout.PREFERRED_SIZE))))

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

        .addComponent(jSeparator1))

    .addContainerGap())

    .addGroup(panelKiriLayout.createSequentialGroup())

        .addGap(68, 68, 68)

        .addComponent(btnTutup)

        .addGap(18, 18, 18)

        .addComponent(btnSimpan, javax.swing.GroupLayout.PREFERRED_SIZE, 126,
javax.swing.GroupLayout.PREFERRED_SIZE)

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

    );

    panelKiriLayout.setVerticalGroup(

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

```

```

        .addGroup(panelKiriLayout.createSequentialGroup())
        .addGap(26, 26, 26)

    .addGroup(panelKiriLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 26,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(txtkode))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

    .addGroup(panelKiriLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 26,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(txtnama, javax.swing.GroupLayout.PREFERRED_SIZE, 23,
        javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(7, 7, 7)

    .addGroup(panelKiriLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 26,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(cmbkategori, javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

    .addGroup(panelKiriLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 26,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(txtlokasi)
        .addComponent(jButton1))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

    .addGroup(panelKiriLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
        .addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 26,
        javax.swing.GroupLayout.PREFERRED_SIZE)
        .addComponent(txtdeskripsi))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

```

```

.addGroup(panelKiriLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(jLabel11, javax.swing.GroupLayout.PREFERRED_SIZE, 26,
javax.swing.GroupLayout.PREFERRED_SIZE)
    .addComponent(txttanggal))
.addGap(18, 18, 18)
.addComponent(jSeparator1, javax.swing.GroupLayout.PREFERRED_SIZE, 20,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGap(30, 30, 30)

.addGroup(panelKiriLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
    .addComponent(btnSimpan)
    .addComponent(btnTutup))
.addGap(79, 79, 79)
);

areaSplit.setLeftComponent(panelKiri);

tblarsip.setBackground(new java.awt.Color(153, 255, 153));
tblarsip.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"
    }
));

tblarsip.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {

```

```

        tblarsipMouseClicked(evt);
    }
});

jScrollPane1.setViewportView(tblarsip);

areaSplit.setRightComponent(jScrollPane1);

btnKeluar.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N
btnKeluar.setText("Keluar");
btnKeluar.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btnKeluarActionPerformed(evt);
    }
});

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addGap(53, 53, 53)
            .addComponent(btnTambah)
            .addGap(18, 18, 18)
            .addComponent(btnHapus)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 279,
Short.MAX_VALUE)
            .addComponent(txtCari, javax.swing.GroupLayout.PREFERRED_SIZE, 152,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(btnCari, javax.swing.GroupLayout.PREFERRED_SIZE, 67,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGroup(layout.createSequentialGroup()

```

```

        .addContainerGap()

        .addComponent(areaSplit, javax.swing.GroupLayout.PREFERRED_SIZE, 0,
Short.MAX_VALUE)

        .addContainerGap())

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

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

    .addComponent(btnKeluar, javax.swing.GroupLayout.PREFERRED_SIZE, 89,
javax.swing.GroupLayout.PREFERRED_SIZE))

);

layout.setVerticalGroup(

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

    .addGroup(layout.createSequentialGroup())

        .addContainerGap()

        .addComponent(btnKeluar)

        .addGap(11, 11, 11)

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

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

                .addComponent(btnTambah)

                .addComponent(btnHapus))

            .addComponent(btnCari)

            .addComponent(txtCari, javax.swing.GroupLayout.PREFERRED_SIZE, 23,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGap(18, 18, 18)

        .addComponent(areaSplit, javax.swing.GroupLayout.DEFAULT_SIZE, 395,
Short.MAX_VALUE)

        .addContainerGap())

);

pack();

} // </editor-fold>

```

```

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

```

```
// TODO add your handling code here:

role = "Tambah";

btnSimpan.setText("SIMPAN");

idBaris = 0;

resetForm();

showForm(true);

btnHapus.setEnabled(false);

}
```

```
private void btnSimpanActionPerformed(java.awt.event.ActionEvent evt) {

    // TODO add your handling code here:

    if (role.equals("Tambah")) {

        simpanData();

    } else if (role.equals("Ubah")) {

        ubahData();

    }

}
```

```
private void btnTutupActionPerformed(java.awt.event.ActionEvent evt) {

    // TODO add your handling code here:

    resetForm();

    showForm(false);

    btnHapus.setEnabled(false);

    idBaris = 0;

}
```

```
private void btnHapusActionPerformed(java.awt.event.ActionEvent evt) {

    // TODO add your handling code here:

    if (idBaris == 0) {

        JOptionPane.showMessageDialog(this, "Dihapus!");

    } else {

    }
```

```
        hapusData(idBaris);
    }
}
```

```
private void txtCariKeyReleased(java.awt.event.KeyEvent evt) {
    // TODO add your handling code here:
    String key = txtCari.getText();
    showData(key);
}
```

```
private void formComponentResized(java.awt.event.ComponentEvent evt) {
    // TODO add your handling code here:
    areaSplit.setDividerLocation(0.3);
}
```

```
private void tblarsipMouseClicked(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
    role = "Ubah";
    int row = tblarsip.getRowCount();
    if (row > 0) {
        int sel = tblarsip.getSelectedRow();
        if (sel != -1) {
            pilihData(tblarsip.getValueAt(sel, 0).toString());
            btnSimpan.setText("UBAH DATA");
        }
    }
}
```

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



```
private void btnKeluarActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    int pilih = JOptionPane.showConfirmDialog(this,  
        "Apakah anda yakin ingin keluar?",  
        "Konfirmasi Keluar", JOptionPane.YES_NO_OPTION);  
    if (pilih == JOptionPane.YES_OPTION) {  
        System.exit(0);  
    }  
}
```

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

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    JFileChooser chooser = new JFileChooser();  
    chooser.showOpenDialog(null);  
    File f = chooser.getSelectedFile();  
    filename = f.getAbsolutePath();  
    txtlokasi.setText(filename);  
}
```

## Kodingan Untuk button dan txt:

```
1 private void btnTambahActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    role = "Tambah";  
    btnSimpan.setText("SIMPAN");  
    idBaris = 0;  
    resetForm();  
    showForm(true);  
    btnHapus.setEnabled(false);  
}  
  
1 private void btnSimpanActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    if (role.equals("Tambah")) {  
        simpanData();  
    } else if (role.equals("Ubah")) {  
        ubahData();  
    }  
}  
  
1 private void btnTutupActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    resetForm();  
    showForm(false);  
    btnHapus.setEnabled(false);  
    idBaris = 0;  
}  
  
private void btnTutupActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    resetForm();  
    showForm(false);  
    btnHapus.setEnabled(false);  
    idBaris = 0;  
}  
  
private void btnHapusActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    if (idBaris == 0) {  
        JOptionPane.showMessageDialog(this, "Dihapus!");  
    } else {  
        hapusData(idBaris);  
    }  
}  
  
private void txtCariKeyReleased(java.awt.event.KeyEvent evt) {  
    // TODO add your handling code here:  
    String key = txtCari.getText();  
    showData(key);  
}  
  
private void formComponentResized(java.awt.event.ComponentEvent evt) {  
    // TODO add your handling code here:  
    areaSplit.setDividerLocation(0.3);  
}
```

```

private void tblarsipMouseClicked(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
    role = "Ubah";
    int row = tblarsip.getRowCount();
    if (row > 0) {
        int sel = tblarsip.getSelectedRow();
        if (sel != -1) {
            pilihData(tblarsip.getValueAt(sel, 0).toString());
            btnSimpan.setText("UBAH DATA");
        }
    }
}

```

```

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

```

```

private void btnKeluarActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    int pilih = JOptionPane.showConfirmDialog(this,
        "Apakah anda yakin ingin keluar?",
        "Konfirmasi Keluar", JOptionPane.YES_NO_OPTION);
    if (pilih == JOptionPane.YES_OPTION) {
        System.exit(0);
    }
}

```

```

607 private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
608     // TODO add your handling code here:
609     JFileChooser chooser = new JFileChooser();
610     chooser.showOpenDialog(null);
611     File f = chooser.getSelectedFile();
612     filename = f.getAbsolutePath();
613     txtlokasi.setText(filename);
614 }

```

```

616 /**
617  * @param args the command line arguments
618  */

```

```

619 public static void main(String args[]) {
620     /* Set the Nimbus look and feel */
621     Look and feel setting code (optional)

```

```

642 //</editor-fold>
643 //</editor-fold>
644 //</editor-fold>
645 //</editor-fold>
646 //</editor-fold>
647 //</editor-fold>
648 //</editor-fold>

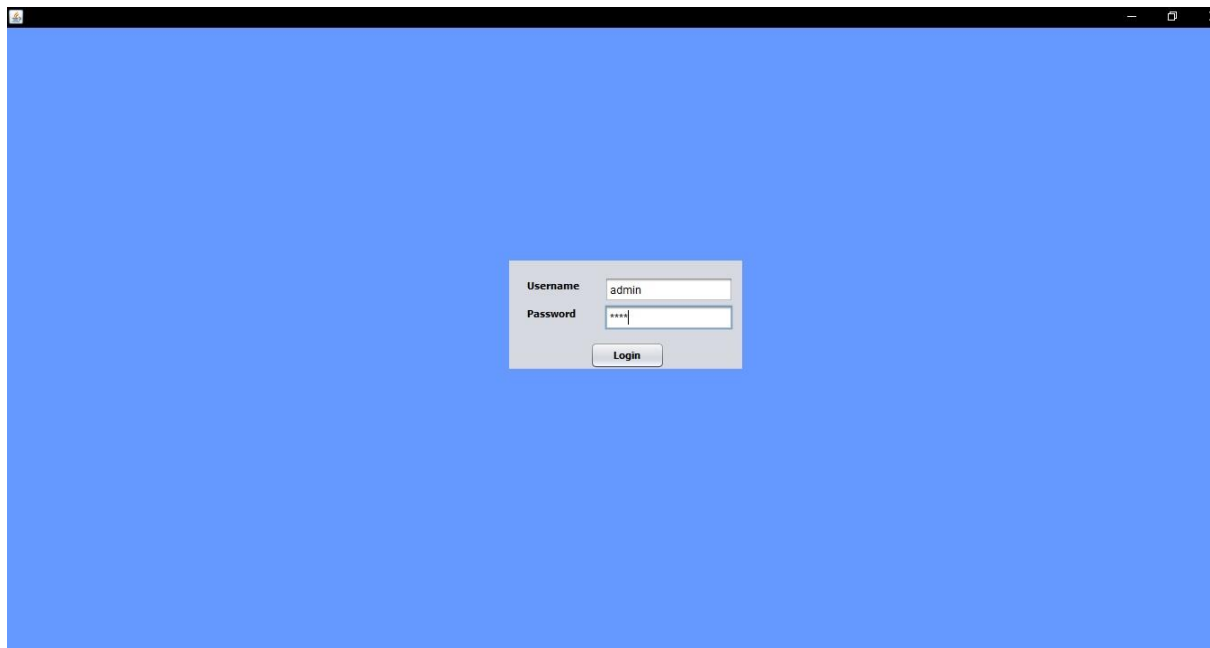
```

```

649
650 /* Create and display the form */
651 java.awt.EventQueue.invokeLater(new Runnable() {
652     public void run() {
653         new Aplikasi().setVisible(true);
654     }
655 });
656 }

```

Jika sudah selesai maka coba di run form login

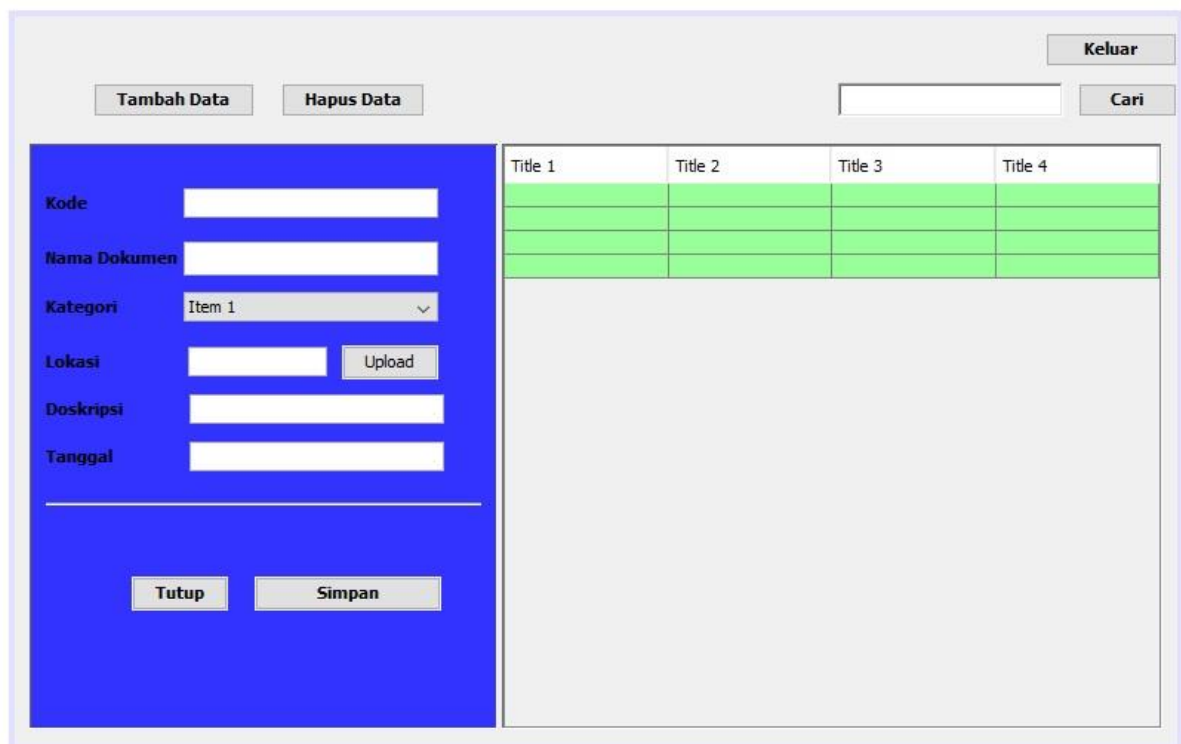


Username: admin

Password: \*\*\*\*

Login

Jika benar maka aka meng direct ke halaman aplikasi



Tambah Data Hapus Data Keluar Cari

Kode:

Nama Dokumen:

Kategori: Item 1

Lokasi:  Upload

Deskripsi:

Tanggal:

Tutup Simpan

Title 1	Title 2	Title 3	Title 4

Jka sudah coba menginputkan data dan periksa phpmyadmin kalian/db kalian

Jika sukses maka data yang di inputkan muncul di db kalian

☐ Tampilkan semua
 | Jumlah baris: 25
 Saring baris:

+ Opsi

	id	kode	nama	kategori	lokasi	deskripsi	tanggal
<input type="checkbox"/>	2	18090117	rama	Biasa	[BLOB - 37 B]	sementara	22/04/2020
<input type="checkbox"/> Pilih Semua                             Dengan pilihan:                              Ubah                              Salin                              Hapus                              Ekspor							

☐ Tampilkan semua
 | Jumlah baris: 25
 Saring baris:

Dan sebaliknya jika kalian mengubah data atau menghapus data maka isi database akan berubah juga.