Ujian Tengah Semester

Pemrograman Komputer 2 " Aplikasi Arsip Dokumen"

Nama : Zulfa Rohmawati Mayasari

Kelas : 4A

NIM : 18090053

Dosen Pengampu : M.Nishom,M.Kom.

D4 TEKNIK INFORMATIKA

POLITEKNIK HARAPAN BERSAMA TEGAL

2020

a. Membuat projek baru

Untuk membuat project baru di Netbeans ikuti Langkah-langkah berikut:

1. Klik menu File → New Project, selanjutnya akan terbuka dialog New Project
2. Pada dialog New Project, untuk Categories pilih Java, dan untuk jenis Projects pilih Java Application → klik Next untuk melanjutkan ke tahapan berikutnya.
3. Pada dialog New Java Application, isi field dan pilihan yang ada sebagai berikut:
   - A. Project Name : arsipDokumenUts
   - B. Project Location : Lokasi opsional, sesuai dengan keinginan anda
   - C. Project Folder : Otomatis oleh Netbeans IDE
   - D. Create Main Class : Hilangkan centang pada checkbox
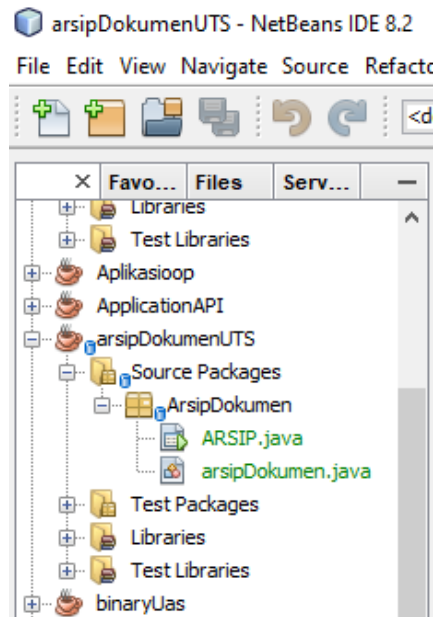
4. Klik Finish

b. Membuat paket baru

untuk membuat paket baru dalam sebuah project ikuti Langkah -langkah berikut:

1. Klik kanan pada Node Source Package → New → Java Package. Selanjutnya Netbeans akan membuka dialog New Java Package.
2. Pada dialog New Java Package isi dengan ArsipDokumen
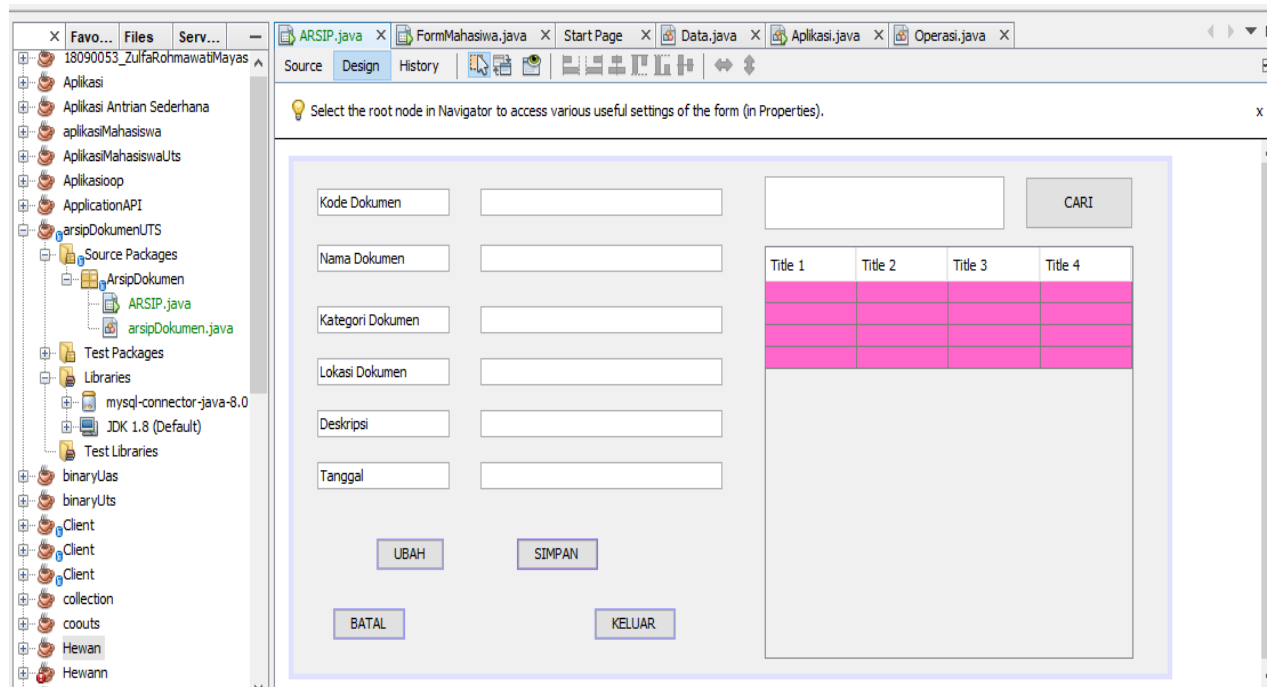3. Klik Finish.

c. Membuat Kelas

1. Klik kanan pada paket ArsipDokumen yang telah anda buat sebelumnya.
2. Pilih new → Java Class. Selanjutnya Netbeans akan menampilkan dialog untuk membuat kelas baru (dialog New Java Class).
3. Pada field Class Name, isikan arsipDokumen
4. Klik Finish.

d. Mendesain Form Input Data

Selanjutnya, kita akan membuat form yang akan digunakan sebagai antarmuka untuk memasukkan data yang akan di-serialisasi. Untuk membuat form baru dalam sebuah project, ikuti langkah-langkah berikut:

1. Klik kanan pada package ArsipDokumen → pilih New → JDialog Form. Selanjutnya Netbeans akan menampilkan dialog untuk membuat form baru (dialog New JDialog Form).
2. Pada field Class Name, isikan ARSIP
3. Klik Finish

e. Menambahkan Kode Program

```java
package ArsipDokumen;

import java.sql.*;
import javax.swing.*;
import javax.swing.table.DefaultTableModel;

/**
 *
 * @author Zulfa
 */
public class ARSIP extends javax.swing.JFrame {
    private Connection koneksi;

    public ARSIP() {
        initComponents();
        koneksiDatabase();
        TampilData("");
        setLocationRelativeTo(this);

    }

    /**
```

```java
 * 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() {

    jScrollPane1 = new javax.swing.JScrollPane();
    tbl_arsip = new javax.swing.JTable();
    txt_isikode = new javax.swing.JTextField();
    txt_isinama = new javax.swing.JTextField();
    txt_isikategori = new javax.swing.JTextField();
    txt_isilokasi = new javax.swing.JTextField();
    txt_isideskripsi = new javax.swing.JTextField();
    txt_isitanggal = new javax.swing.JTextField();
    btn_simpan = new javax.swing.JButton();
    btn_keluar = new javax.swing.JButton();
    btn_batal = new javax.swing.JButton();
    txt_cari = new javax.swing.JTextField();
    btn_cari = new javax.swing.JButton();
    txt_kode = new javax.swing.JTextField();
    txt_nama = new javax.swing.JTextField();
    txt_kategori = new javax.swing.JTextField();
    txt_lokasi = new javax.swing.JTextField();
    txt_deskripsi = new javax.swing.JTextField();
    txt_tanggal = new javax.swing.JTextField();
    btnUbah = new javax.swing.JButton();

    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

    tbl_arsip.setBackground(new java.awt.Color(255, 102, 204));
    tbl_arsip.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"
        }
    ));
    tbl_arsip.addMouseListener(new java.awt.event.MouseAdapter() {
```

```java
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        tbl_arsipMouseClicked(evt);
    }
});
jScrollPane1.setViewportView(tbl_arsip);

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

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

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

btn_simpan.setBackground(new java.awt.Color(153, 102, 255));
btn_simpan.setText("SIMPAN");
btn_simpan.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btn_simpanActionPerformed(evt);
    }
});

btn_keluar.setBackground(new java.awt.Color(153, 153, 255));
btn_keluar.setText("KELUAR");
btn_keluar.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        btn_keluarActionPerformed(evt);
    }
});

btn_batal.setBackground(new java.awt.Color(153, 153, 255));
btn_batal.setText("BATAL");
btn_batal.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
```

```java
            btn_batalActionPerformed(evt);
        }
    });

    btn_cari.setText("CARI");
    btn_cari.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            btn_cariActionPerformed(evt);
        }
    });

    txt_kode.setText("Kode Dokumen");

    txt_nama.setText("Nama Dokumen");
    txt_nama.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            txt_namaActionPerformed(evt);
        }
    });

    txt_kategori.setText("Kategori Dokumen");
    txt_kategori.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            txt_kategoriActionPerformed(evt);
        }
    });

    txt_lokasi.setText("Lokasi Dokumen");

    txt_deskripsi.setText("Deskripsi");

    txt_tanggal.setText("Tanggal");

    btnUbah.setBackground(new java.awt.Color(153, 153, 255));
    btnUbah.setText("UBAH");
    btnUbah.addActionListener(new java.awt.event.ActionListener() {
        public void actionPerformed(java.awt.event.ActionEvent evt) {
            btnUbahActionPerformed(evt);
        }
    });

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

```java
                layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                    .addGroup(layout.createSequentialGroup()
                        .addGap(21, 21, 21)
                        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
                            .addComponent(txt_lokasi, javax.swing.GroupLayout.PREFERRED_SIZE, 116,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(txt_kategori, javax.swing.GroupLayout.PREFERRED_SIZE, 116,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(txt_kode, javax.swing.GroupLayout.PREFERRED_SIZE, 116,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(txt_nama, javax.swing.GroupLayout.PREFERRED_SIZE, 116,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(txt_deskripsi, javax.swing.GroupLayout.PREFERRED_SIZE, 116,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(txt_tanggal, javax.swing.GroupLayout.PREFERRED_SIZE, 116,
javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 27,
Short.MAX_VALUE)
                        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                            .addComponent(txt_isinama, javax.swing.GroupLayout.PREFERRED_SIZE, 212,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(txt_isikode, javax.swing.GroupLayout.PREFERRED_SIZE, 212,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(txt_isikategori, javax.swing.GroupLayout.PREFERRED_SIZE, 212,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(txt_isilokasi, javax.swing.GroupLayout.PREFERRED_SIZE, 212,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(txt_isideskripsi, javax.swing.GroupLayout.PREFERRED_SIZE, 212,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addComponent(txt_isitanggal, javax.swing.GroupLayout.PREFERRED_SIZE, 212,
javax.swing.GroupLayout.PREFERRED_SIZE))
                        .addGap(37, 37, 37))
                    .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
layout.createSequentialGroup()
                        .addGap(73, 73, 73)
                        .addComponent(btnUbah)
                        .addGap(64, 64, 64)
                        .addComponent(btn_simpan)
                        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
                    .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
layout.createSequentialGroup()
```

```java
            .addGap(35, 35, 35)
            .addComponent(btn_batal)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(btn_keluar)
            .addGap(78, 78, 78)))
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
            .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 323,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGroup(layout.createSequentialGroup()
                .addComponent(txt_cari, javax.swing.GroupLayout.PREFERRED_SIZE, 210,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(18, 18, 18)
                .addComponent(btn_cari, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))
        .addGap(30, 30, 30))
    );
    layout.setVerticalGroup(
        layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addContainerGap()
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
                .addComponent(btn_cari, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                    .addComponent(txt_isikode, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(txt_cari, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(txt_kode, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(layout.createSequentialGroup()
                    .addGap(11, 11, 11)
                    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                        .addComponent(txt_isinama, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addComponent(txt_nama, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                    .addGap(25, 25, 25)
                    .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```java
                    .addComponent(txt_isikategori, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(txt_kategori, 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.BASELINE)
                    .addComponent(txt_isilokasi, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(txt_lokasi, 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.BASELINE)
                    .addComponent(txt_isideskripsi, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(txt_deskripsi, 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.BASELINE)
                    .addComponent(txt_tanggal, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addComponent(txt_isitanggal, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                    .addComponent(btn_simpan)
                    .addComponent(btnUbah))
                .addGap(28, 28, 28)
                .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                    .addComponent(btn_keluar)
                    .addComponent(btn_batal))
                .addGap(25, 25, 25))
            .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
                .addGap(12, 12, 12)
                .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 302,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addContainerGap())))
    );

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

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

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

    private void btn_batalActionPerformed(java.awt.event.ActionEvent evt) {
        txt_kode.setText("");
        txt_nama.setText("");
        txt_kategori.setText("");
        txt_lokasi.setText("");
        txt_deskripsi.setText("");
        txt_tanggal.setText("");
        txt_kode.requestFocus();
    }

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

    private void tbl_arsipMouseClicked(java.awt.event.MouseEvent evt) {
        int baris = tbl_arsip.getSelectedRow();
        if (baris != -1) {
            txt_kode.setText(tbl_arsip.getValueAt(baris, 0).toString());
            txt_nama.setText(tbl_arsip.getValueAt(baris, 1).toString());
            txt_kode.setText(tbl_arsip.getValueAt(baris, 2).toString());
            txt_lokasi.setText(tbl_arsip.getValueAt(baris, 3).toString());
            txt_deskripsi.setText(tbl_arsip.getValueAt(baris, 4).toString());
            txt_tanggal.setText(tbl_arsip.getValueAt(baris, 5).toString());
        }
    }

    private void btn_simpanActionPerformed(java.awt.event.ActionEvent evt) {
        try {
            Connection cn = DriverManager.getConnection("jdbc:mysql://localhost/database_arsip",
"root", "");
            cn.createStatement().executeUpdate("INSERT INTO data_arsip(Kode, nama, kategori,
deskripsi, tanggal) VALUES " + "(NULL, " + "'" + txt_kode.getText() + "','" + txt_nama.getText() + "','"
+ txt_kategori.getText()+ "','" + txt_deskripsi.getText() + "','" + txt_tanggal.getText() + "')" );

            JOptionPane.showMessageDialog(null, "Penyimpanan Data Berhasill.....");
        } catch (SQLException ex) {
            JOptionPane.showMessageDialog(null, "ada yang belum diisi !!");
        }
        TampilData("");
    }
```

```java
    private void btn_cariActionPerformed(java.awt.event.ActionEvent evt) {
        try {
            java.sql.Statement stat = koneksi.createStatement();
            ResultSet data = stat.executeQuery("SELECT * FROM data_arsip WHERE " + "kode='" +
txt_cari.getText() + "'");
            DefaultTableModel model = new DefaultTableModel();
            model.addColumn("Kode Dokumen");
            model.addColumn("Nama Dokumen");
            model.addColumn("Kategori Dokumen");
            model.addColumn("Lokasi Dokumen");
            model.addColumn("Deskripsi Dokumen");
            model.addColumn("Tanggal Dokumen");
            tbl_arsip.setModel(model);


            if (data.next()) {
                model.addRow(new Object[]{
                    data.getString("Kode Dokumen"),
                    data.getString("Nama Dokumen"),
                    data.getString("Kategori Dokumen"),
                    data.getString("Lokasi Dokumen"),
                    data.getString("Deskripsi"),
                    data.getString("Tanggal")
            });
            tbl_arsip.setModel(model);
            } else {
                JOptionPane.showMessageDialog(null, "Data Tidak Ditemukan", "WARNING",
JOptionPane.WARNING_MESSAGE);
            }
            stat.close();
        } catch (Exception e) {
            System.err.println("Terjadi Kesalahan : " + e);
        }
    }

    private void btn_keluarActionPerformed(java.awt.event.ActionEvent evt) {
        if (JOptionPane.showConfirmDialog(null, "Apakah Anda Yakin Ingin Keluar?" , "Terima Kasih
Atas Perhatiannya", JOptionPane.YES_NO_OPTION) == JOptionPane.YES_OPTION) {
            System.exit(0);
        }
    }

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

```java
    }

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

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

    private void btnUbahActionPerformed(java.awt.event.ActionEvent evt) {
        try {
            Connection cn = DriverManager.getConnection("jdbc:mysql://localhost/dokumen", "", "");
            Statement st = cn.createStatement();
            cn.createStatement().executeUpdate("UPDATE data_dokumen set Kode ='" +
txt_kode.getText() + "',nama ='" + txt_nama.getText() + "',kategori ='" + txt_kategori.getText()+ "',
deskripsi ='" + txt_deskripsi.getText()+ "',tanggal ='" + txt_tanggal.getText() + "' WHERE Kode ='" +
txt_kode.getText() + "'");

            JOptionPane.showMessageDialog(null, "Data telah diedit.....");
            TampilData("");
        } catch (SQLException ex) {
            ex.printStackTrace();
        }
    }

    /**
     * @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
            java.util.logging.Logger.getLogger(ARSIP.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
        } catch (InstantiationException ex) {
            java.util.logging.Logger.getLogger(ARSIP.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
        } catch (IllegalAccessException ex) {
            java.util.logging.Logger.getLogger(ARSIP.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {
            java.util.logging.Logger.getLogger(ARSIP.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() {
                JOptionPane.showMessageDialog(null, "SELAMAT DATANG ADMIN");
                new ARSIP().setVisible(true);
            }
        });
    }

    // Variables declaration - do not modify
    private javax.swing.JButton btnUbah;
    private javax.swing.JButton btn_batal;
    private javax.swing.JButton btn_cari;
    private javax.swing.JButton btn_keluar;
    private javax.swing.JButton btn_simpan;
    private javax.swing.JScrollPane jScrollPane1;
    private javax.swing.JTable tbl_arsip;
    private javax.swing.JTextField txt_cari;
    private javax.swing.JTextField txt_deskripsi;
    private javax.swing.JTextField txt_isideskripsi;
    private javax.swing.JTextField txt_isikategori;
    private javax.swing.JTextField txt_isikode;
    private javax.swing.JTextField txt_isilokasi;
    private javax.swing.JTextField txt_isinama;
    private javax.swing.JTextField txt_isitanggal;
    private javax.swing.JTextField txt_kategori;
    private javax.swing.JTextField txt_kode;
    private javax.swing.JTextField txt_lokasi;
    private javax.swing.JTextField txt_nama;
    private javax.swing.JTextField txt_tanggal;
```

```java
    // End of variables declaration

    private void koneksiDatabase() {
        try {
            Class.forName("com.mysql.jdbc.Driver");
        } catch (ClassNotFoundException cnf) {
        }
        try {
            koneksi = DriverManager.getConnection("jdbc:mysql://localhost/database_arsip", "root",
"");
            System.out.println("Koneksi Database Berhasil");
        } catch (SQLException se) {
            System.out.println("Koneksi Database Gagal :" + se);
        } catch (Exception e){
        }
    }

    private void tampilData() {
// MEMBUAT tampilan model tabel
DefaultTableModel model = new DefaultTableModel();
        model.addColumn("Kode Dokumen");
        model.addColumn("Nama Dokumen");
        model.addColumn("Kategori Dokumen");
        model.addColumn("Lokasi Dokumen");
        model.addColumn("Deskripsi Dokumen");
        model.addColumn("Tanggal Dokumen");
        tbl_arsip.setModel(model);

        //MENAMPILKAN DATA DATABASE KEDALAM TABEL
        try {
            java.sql.Statement stat = koneksi.createStatement();
            ResultSet data = stat.executeQuery("SELECT * FROM data_arsip");
            while (data.next()) {
                model.addRow(new Object[]{
                    data.getString("Kode dokumen"),
                    data.getString("Nama dokumen"),
                    data.getString("Kategori Dokumen"),
                    data.getString("Lokasi Dokumen"),
                    data.getString("Deskripsi"),
                    data.getString("Tanggal")
                });
                tbl_arsip.setModel(model);
            }
        } catch (Exception e) {
```

```java
            System.err.println("Terjadi Kesalahan :" + e);
        }
    }

    private void TampilData(String string) {
      // MEMBUAT tampilan model tabel
    DefaultTableModel model = new DefaultTableModel();
            model.addColumn("Kode Dokumen");
            model.addColumn("Nama Dokumen");
            model.addColumn("Kategori Dokumen");
            model.addColumn("Lokasi Dokumen");
            model.addColumn("Deskripsi Dokumen");
            model.addColumn("Tanggal Dokumen");
            tbl_arsip.setModel(model);

            //MENAMPILKAN DATA DATABASE KEDALAM TABEL
            try {
                java.sql.Statement stat = koneksi.createStatement();
                ResultSet data = stat.executeQuery("SELECT * FROM data_arsip");
                while (data.next()) {
                    model.addRow(new Object[]{
                        data.getString("Kode dokumen"),
                        data.getString("Nama dokumen"),
                        data.getString("Kategori Dokumen"),
                        data.getString("Lokasi Dokumen"),
                        data.getString("Deskripsi"),
                        data.getString("Tanggal")
                    });
                    tbl_arsip.setModel(model);
                }
        } catch (Exception e) {
            System.err.println("Terjadi Kesalahan :" + e);
        }
    }
}
```

f. Hasil Praktik