

Nama : Amaliyah Gian Fadilah

NIM :18090085

Kelas : 4D

## APLIKASI ARSIP DOKUMEN BERBASIS JAVA

### I. Pengertian arsip dan dokumen

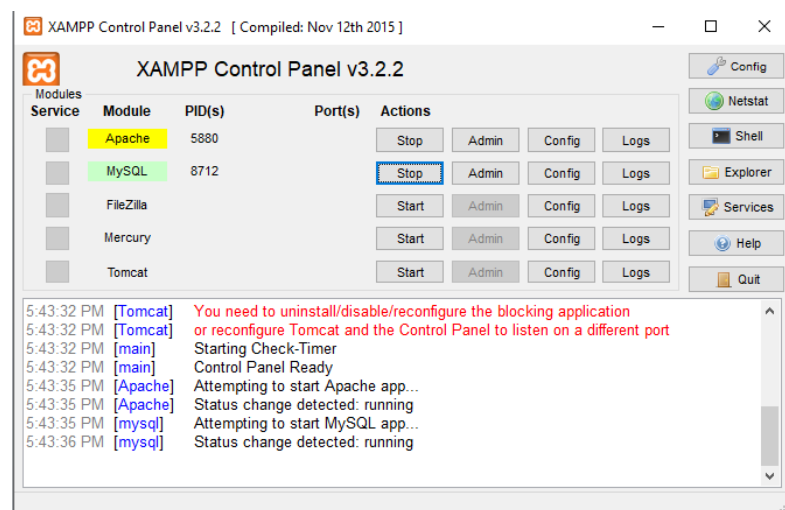
Memiliki pengertian rekaman kegiatan atau peristiwa dalam berbagai bentuk dan media sesuai dengan perkembangan teknologi informasi dan komunikasi yang dibuat dan diterima oleh lembaga negara, pemerintah daerah, lembaga pendidikan, perusahaan, organisasi politik, organisasi kemasyarakatan, dan perseorangan dalam kehidupan bermasyarakat, berbangsa, dan bernegara.( Undang-Undang nomor 43 tahun 2009).

Dokumen ialah suatu benda yang dijadikan suatu tanda bukti, dokumen berfungsi sebagai petunjuk atau keterangan. (Widiantor, 2006).

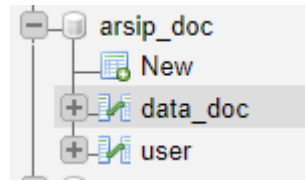
### II. Langkah –langkah membuat

#### 1. Membuat database arsip\_doc

- Membuat database terlebih dahulu di php myAdmin dan jangan lupa klik start pada xamppnya agar dapat masuk ke php myAdmin.



- b. Masuk ke chrome, ketikan localhost/ akan muncul php Myadmin lalu buat table bernama data\_doc dan user



- c. Buatlah table data\_dengan isi seperti dibawah ini

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(8)			No	None		AUTO_INCREMENT	Change Drop More
2	nama_doc	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
3	kategori_doc	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
4	add_tanggal	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
5	deskripsi	varchar(30)	latin1_swedish_ci		No	None			Change Drop More
6	kode_doc	varchar(2)	latin1_swedish_ci		No	None			Change Drop More
7	image	longblob			No	None			Change Drop More

- d. Buat table user dan jangan lupa untuk password di md5/enkripsi

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	username	varchar(40)	latin1_swedish_ci		No	None			Change Drop More
3	password	varchar(300)	latin1_swedish_ci		No	None			Change Drop More
4	email	varchar(50)	latin1_swedish_ci		No	None			Change Drop More

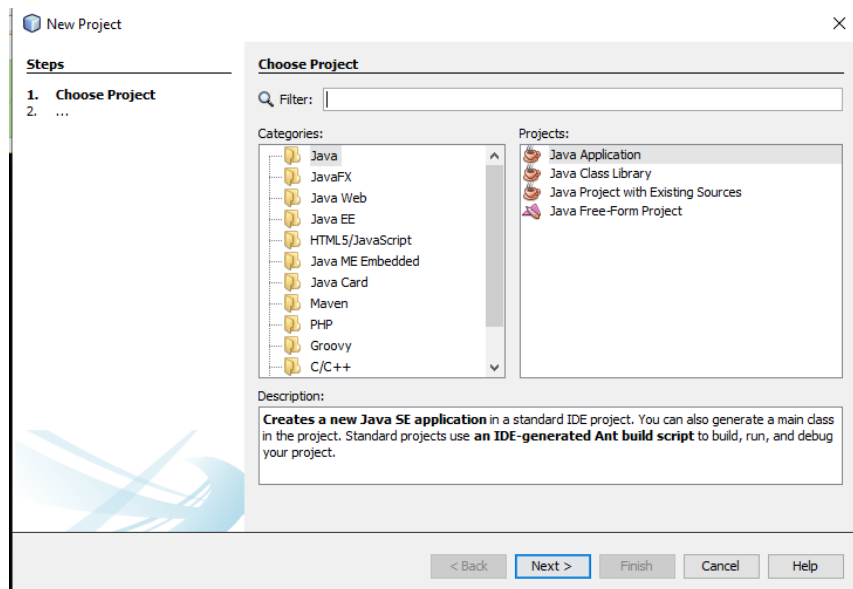
Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

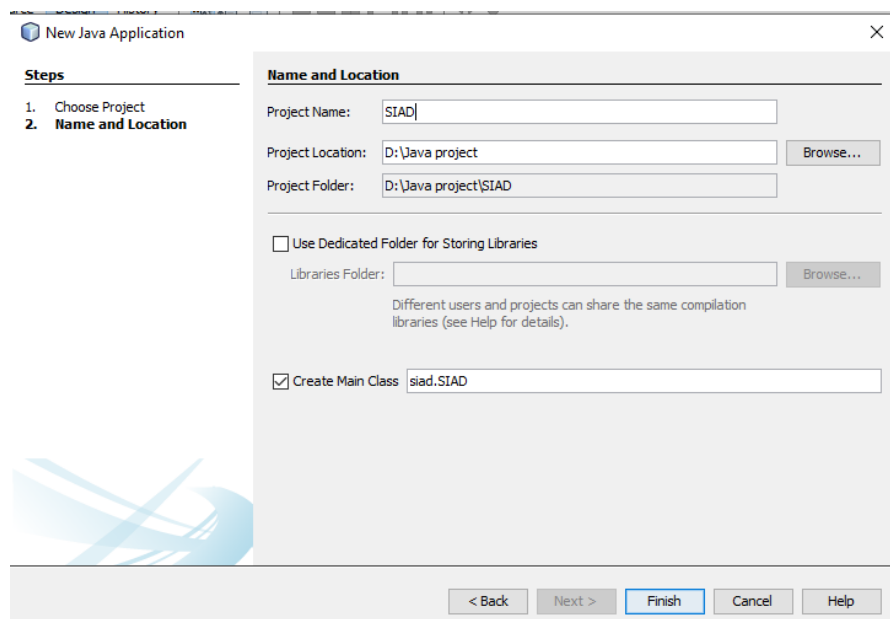
	id	username	password
1	admin		21232f297a57a5a743894a0e4a801fc3

2. Bukalah neatbens dan buatlah package bernama “SIAD “ yang merupakan singkatan dari Sistem Informasi Arsip Dokumen.dengan cara :

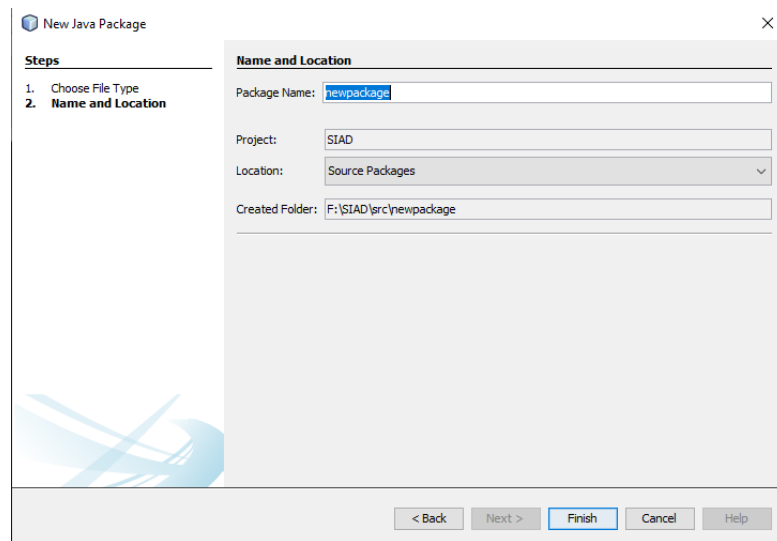
a. Klik File – New Project – Pilih Next



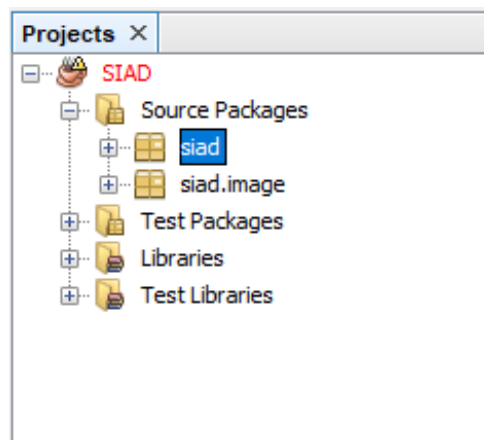
b. Muncul new Java Application kita beri nama projectnya “ SIAD “



- c. Kita buat package siad didalam project SIAD dengan cara klik kanan pada Sources Package lalu pilih New setelah itu muncul ” New Package” kita isikan nama “siad” lalu finish.



- d. Ulangi lagi sebanyak 2 kali seperti dibawah ini.



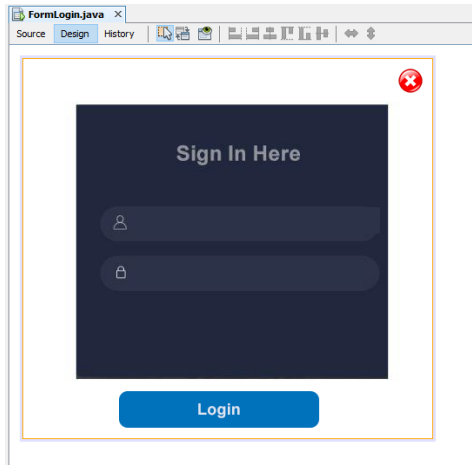
### 3. Membuat Kodingan atau script

- a. Pada package said klik kanan lalu pilih java class dan kita namakan “config”. Isikan kodingan seperti dibawah ini.

```
config.java
Source History
1 package siad;
2
3
4 public class config {
5     private final int id;
6     private final String nama_doc;
7     private final String kategori_doc;
8     private final String add_tgl;
9     private final String deskripsi;
10    private final Float kode_doc;
11    private final byte[] picture;
12
13
14    public config(int Aid,String Anama_d,String Akategori_d,String Aadd_tgl,String Adeskripsi
15        ,Float kode_d , byte[] Pimg){
16        this.id = Aid;
17        this.nama_doc = Anama_d;
18        this.kategori_doc = Akategori_d;
19        this.add_tgl=Aadd_tgl;
20        this.deskripsi=Adeskripsi;
21        this.kode_doc= kode_d;
22        this.picture=Pimg;
23    }
24
25    public int getId() {
26        return id;
27    }
28
29    public String getNama_doc() {
30        return nama_doc;
31    }
```

```
28
29    public String getNama_doc() {
30        return nama_doc;
31    }
32
33    public String getKategori_doc() {
34        return kategori_doc;
35    }
36
37    public String getAdd_tgl() {
38        return add_tgl;
39    }
40
41    public String getDeskripsi() {
42        return deskripsi;
43    }
44
45    public Float getKode() {
46        return kode_doc;
47    }
48
49    public byte[] getPicture() {
50        return picture;
51    }
52
53 }
```

- b. Kita buat lagi class dengan klik kanan pada said dan pilih JFrame Form yang bernama “Formlogin”. Dan untuk desain form loginya bisa di desain sendiri.



```

1 package siad;
2
3 import java.awt.Color;
4 import java.sql.Connection;
5 import java.sql.PreparedStatement;
6 import java.sql.ResultSet;
7 import java.sql.SQLException;
8 import java.util.logging.Level;
9 import java.util.logging.Logger;
10 import javax.swing.ImageIcon;
11 import javax.swing.JFrame;
12 import javax.swing.JOptionPane;
13
14 public class FormLogin extends javax.swing.JFrame {
15
16     ResultSet rs = null;
17     PreparedStatement ps = null;
18     int dragXmouse;
19     int dragYmouse;
20     public FormLogin() {
21         initComponents();
22         this.setBackground(new Color(0,0,0,0));
23     }
24
25
26     @SuppressWarnings("unchecked")
27     Generated Code
28
29
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104
105
106
107
108 private void jLabel2MouseClicked(java.awt.event.MouseEvent evt) {
109     this.dispose();
110 }
111

```

```

113 ImageIcon A = new ImageIcon(getClass().getResource("image/closeRed1.png"));
114 jLabel2.setIcon(A);
115 }
116
117 private void jLabel2MouseExited(java.awt.event.MouseEvent evt) {
118     ImageIcon A = new ImageIcon(getClass().getResource("image/closeRed.png"));
119     jLabel2.setIcon(A);
120 }
121
122 private void jLabel2MousePressed(java.awt.event.MouseEvent evt) {
123     ImageIcon A = new ImageIcon(getClass().getResource("image/closeRed1.png"));
124     jLabel2.setIcon(A);
125 }
126
127 private void jLabel2MouseReleased(java.awt.event.MouseEvent evt) {
128     ImageIcon A = new ImageIcon(getClass().getResource("image/closeRed.png"));
129     jLabel2.setIcon(A);
130 }
131
132 private void jLabel5MouseReleased(java.awt.event.MouseEvent evt) {
133     ImageIcon B = new ImageIcon(getClass().getResource("image/btnLogin1.png"));
134     jLabel5.setIcon(B);
135 }
136
137 private void jLabel5MousePressed(java.awt.event.MouseEvent evt) {
138     ImageIcon B = new ImageIcon(getClass().getResource("image/btnLogin1.png"));
139     jLabel5.setIcon(B);
140 }
141
142 private void jLabel5MouseExited(java.awt.event.MouseEvent evt) {
143     ImageIcon B = new ImageIcon(getClass().getResource("image/btnLogin.png"));
144     jLabel5.setIcon(B);
145 }
146

```

```

FormLogin.java x
Source Design History
146
147 private void jLabel5MouseEntered(java.awt.event.MouseEvent evt) {
148     ImageIcon B = new ImageIcon(getClass().getResource("image/btnLogin.png"));
149     jLabel5.setIcon(B);
150 }
151
152 private void jLabel5MouseClicked(java.awt.event.MouseEvent evt) {
153     try {
154         Connection kon = dasbor.sambungKeDatabase();
155         ResultSet as = kon.createStatement().executeQuery("select * from user where username='"+txt_username.getText()+
156             "' and password =MD5('"+String.valueOf(txt_passwd.getText())+"')");
157         if(as.next()){
158             dasbor ad = new dasbor();
159             ad.setExtendedState(JFrame.MAXIMIZED_BOTH);
160             ad.setVisible(true);
161             dispose();
162         }else{
163             JOptionPane.showMessageDialog(rootPane, "Username & Password Salah !");
164         }
165     } catch (SQLException ex) {
166         Logger.getLogger(FormLogin.class.getName()).log(Level.SEVERE, null, ex);
167     }
168 }
169

```

```

FormLogin.java x
Source Design History
170 /**
171  * @param args the command line arguments
172  */
173 public static void main(String args[]) {
174     /* Set the Nimbus look and feel */
175     Look and feel setting code (optional)
176     //</editor-fold>
177     String tampilan = javax.swing.UIManager.getSystemLookAndFeelClassName();
178     try{
179         javax.swing.UIManager.setLookAndFeel(tampilan);
180     }catch(Exception e){
181     }
182     /* Create and display the form */
183     java.awt.EventQueue.invokeLater(new Runnable() {
184         public void run() {
185             new FormLogin().setVisible(true);
186         }
187     });
188 }
189
190 // Variables declaration - do not modify
191 private javax.swing.JLabel jLabel1;
192 private javax.swing.JLabel jLabel2;
193 private javax.swing.JLabel jLabel5;
194 private javax.swing.JPasswordField txt_passwd;
195 private javax.swing.JTextField txt_username;
196 // End of variables declaration
197 }

```

- c. Setelah selesai membuat form login, kita akan membuat dasbor yaitu inti dari aplikasi ini karena crud nya pun terletak disini. Untuk import bisa diketikan seperti dibawah ibi.

```

dasbor.java x
Source Design History
1 package siad;
2
3 import java.awt.HeadlessException;
4 import java.awt.Image;
5 import java.io.File;
6 import java.io.FileInputStream;
7 import java.io.FileNotFoundException;
8 import java.io.InputStream;
9 import java.sql.Connection;
10 import java.sql.DriverManager;
11 import java.sql.PreparedStatement;
12 import java.sql.ResultSet;
13 import java.sql.SQLException;
14 import java.sql.Statement;
15 import java.text.ParseException;
16 import java.text.SimpleDateFormat;
17 import java.util.ArrayList;
18 import java.util.Date;
19 import java.util.logging.Level;
20 import java.util.logging.Logger;
21 import javax.swing.ImageIcon;
22 import javax.swing.JFileChooser;
23 import javax.swing.JFrame;
24 import javax.swing.JOptionPane;
25 import javax.swing.filechooser.FileNameExtensionFilter;
26 import javax.swing.table.DefaultTableModel;
27 import net.sf.jasperreports.engine.JasperCompileManager;
28 import net.sf.jasperreports.engine.JasperExportManager;
29 import net.sf.jasperreports.engine.JasperFillManager;
30 import net.sf.jasperreports.engine.JasperPrint;
31 import net.sf.jasperreports.engine.JasperReport;
32 import net.sf.jasperreports.view.JasperViewer;
33

```

```

34
35 public class dasbor extends javax.swing.JFrame {
36
37     public dasbor() {
38         initComponents();
39         Show_data();
40     }
41
42
43     String imgpath=null;
44     int pos = 0;
45
46     public static Connection sambungKeDatabase() {
47         Connection con = null;
48         try {
49             con = DriverManager.getConnection("jdbc:mysql://localhost/arsip_doc","root","");
50             return con;
51         } catch (SQLException | HeadlessException ex) {
52             Logger.getLogger(dasbor.class.getName()).log(Level.SEVERE, null, ex);
53             return null;
54         }
55     }
56

```

```

57 //Resize image
58
59 public ImageIcon ResizeImage(String imagepath, byte [] pic){
60     ImageIcon myImage = null;
61     if(imagepath !=null){
62
63         myImage = new ImageIcon(imagepath);
64     }else {
65         myImage = new ImageIcon(pic);
66     }
67     Image img = myImage.getImage();
68     Image img2 = img.getScaledInstance(lbl_image.getWidth(),lbl_image.getHeight(), Image.SCALE_SMOOTH);
69     ImageIcon image= new ImageIcon(img2);
70     return image;
71 }
72

```



```

73 // Display Data
74
75 public ArrayList<config> getDokumen(){
76     ArrayList<config> ManajemenList = new ArrayList<config>();
77     Connection con = sambungKeDatabase();
78     String query = "SELECT * FROM data_doc";
79
80     Statement st ;
81     ResultSet rs;
82     try {
83
84         st = con.createStatement();
85         rs = st.executeQuery(query);
86         config manajemen;
87         while(rs.next()){
88             manajemen = new config(rs.getInt("id"),rs.getString("nama_doc"),rs.getString("kategori_doc"),
89                 rs.getString("add_tanggal"),rs.getString("deskripsi"),rs.getFloat("kode_doc"),rs.getBytes("image"));
90             ManajemenList.add(manajemen);
91         }
92     } catch (SQLException ex) {
93         Logger.getLogger(config.class.getName()).log(Level.SEVERE, null, ex);
94     }
95     return ManajemenList;
96 }
97

```

```

97
98 public void Show_data() {
99     ArrayList<config> List = getDokumen();
100     DefaultTableModel model = (DefaultTableModel)jTable1.getModel();
101     model.setRowCount(0);
102     Object[] row = new Object[6];
103     for (int i = 0; i < List.size(); i++) {
104         row[0] = List.get(i).getId();
105         row[1] = List.get(i).getNama_doc();
106         row[2] = List.get(i).getKategori_doc();
107         row[3] = List.get(i).getAdd_tgl();
108         row[4] = List.get(i).getDeskripsi();
109         row[5] = List.get(i).getKode();
110
111         model.addRow(row);
112     }
113 }
114

```

```

115 public void ShowItem(int index){
116     txt_id.setText(Integer.toString(getDokumen().get(index).getId()));
117     txt_namaDoc.setText(getDokumen().get(index).getNama_doc());
118     txt_kategoriDoc.setText(getDokumen().get(index).getKategori_doc());
119     try {
120         Date addDate = null;
121         addDate = new SimpleDateFormat("yyyy-MM-dd").parse((String)getDokumen().get(index).getAdd_tgl());
122         date_add.setDate(addDate);
123     } catch (ParseException ex) {
124         Logger.getLogger(dasbor.class.getName()).log(Level.SEVERE, null, ex);
125     }
126     txt_desk.setText(getDokumen().get(index).getDeskripsi());
127     txt_kode.setText(Float.toString(getDokumen().get(index).getKode()));
128     lbl_image.setIcon(ResizeImage(null, getDokumen().get(index).getPicture()));
129
130 }
131

```

```

132 public boolean checkInputs(){
133     if(
134         txt_namaDoc.getText()==null
135         ||txt_kategoriDoc.getText()==null
136         ||date_add.getDate() == null
137         ||txt_desk.getText()==null
138         ||txt_kode.getText()==null
139     ){
140         return false;
141     }
142     else {
143         try{
144             Float.parseFloat(txt_kode.getText());
145             return true;
146         }catch(Exception ex){
147             return false;
148         }
149     }
150 }
151 @SuppressWarnings("unchecked")
152 Generated Code

```

```

151 @SuppressWarnings("unchecked")
152 Generated Code
471
472 private void btn_previousActionPerformed(java.awt.event.ActionEvent evt) {
473     pos--;
474     if(pos < 0){
475         pos = 0;
476     }
477     ShowItem(pos);
478 }
479
480 private void btn_nextActionPerformed(java.awt.event.ActionEvent evt) {
481     pos++;
482     if(pos >= getDokumen().size()){
483         pos = getDokumen().size()-1;
484     }
485     ShowItem(pos);
486 }
487
488 private void btn_lastActionPerformed(java.awt.event.ActionEvent evt) {
489     pos = getDokumen().size()-1;
490     ShowItem(pos);
491 }
492

```

```

493 private void btn_firstActionPerformed(java.awt.event.ActionEvent evt) {
494     pos = 0;
495     ShowItem(pos);
496 }
497
498 private void btn_deleteActionPerformed(java.awt.event.ActionEvent evt) {
499     int p = JOptionPane.showConfirmDialog(null, "Do You Really Want To Delete", "Delete", JOptionPane.YES_NO_OPTION);
500     if(p==0){
501         if(!txt_id.getText().equals("")){
502             try {
503                 Connection con = sambungKeDatabase();
504                 PreparedStatement ps = con.prepareStatement("DELETE FROM data_doc WHERE id = ?");
505                 int id = Integer.parseInt(txt_id.getText());
506                 ps.setInt(1, id);
507                 ps.executeUpdate();
508                 Show_data();
509                 JOptionPane.showMessageDialog(null, "Data Deleted");
510             } catch (SQLException ex) {
511                 Logger.getLogger(config.class.getName()).log(Level.SEVERE, null, ex);
512                 JOptionPane.showMessageDialog(null, "Data Not Deleted");
513             }
514         }else {
515             JOptionPane.showMessageDialog(null, "Data Not Deleted : No id To Deleted");
516         }
517     }
518 }
519

```

```

520 private void btn_updateActionPerformed(java.awt.event.ActionEvent evt) {
521     if(checkInputs() && txt_id.getText() != null){
522         String UpdateQuery = null;
523         PreparedStatement ps = null;
524         Connection con = sambungKeDatabase();
525         // update without image
526         if (imgpath == null) {
527
528             try {
529                 UpdateQuery = " UPDATE data_doc SET data_doc=?,kategor i_doc=?,add_tanggal=?,deskripsi=?,"
530                     + "kode_doc=? WHERE id=?";
531                 ps = con.prepareStatement(UpdateQuery);
532                 ps.setString(1,txt_namaDoc.getText());
533                 ps.setString(2,txt_kategoriDoc.getText());
534                 SimpleDateFormat dateFormat =new SimpleDateFormat("yyyy-MM-dd");
535                 String addDate = dateFormat.format(date_add.getDate());
536                 ps.setString(3, addDate);
537                 ps.setString(4,txt_desk.getText());
538                 ps.setString(5,txt_kode.getText());
539                 ps.setInt(6, Integer.parseInt(txt_id.getText()));
540                 ps.executeUpdate();
541                 Show_data();
542                 JOptionPane.showMessageDialog(null, "Updated !");
543             } catch (SQLException | NumberFormatException ex) {
544                 Logger.getLogger(config.class.getName()).log(Level.SEVERE, null, ex);
545             }

```

```

547     }
548     // update with image
549     else{
550         try{
551             InputStream img = new FileInputStream(new File(imgpath));
552             UpdateQuery = "UPDATE data_doc SET nama_doc = ?, kategori_doc = ?, add_tanggal = ?,
553                 + "deskripsi = ?, kode_doc= ?, image = ? WHERE id = ?";
554             ps = con.prepareStatement(UpdateQuery);
555             ps.setString(1,txt_namaDoc.getText());
556             ps.setString(2,txt_kategoriDoc.getText());
557             SimpleDateFormat dateFormat =new SimpleDateFormat("yyyy-MM-dd");
558             String addDate = dateFormat.format(date_add.getDate());
559             ps.setString(3, addDate);
560             ps.setString(4,txt_desk.getText());
561             ps.setString(5,txt_kode.getText());
562             ps.setBlob(6, img);
563             ps.setInt(7, Integer.parseInt(txt_id.getText()));
564             ps.executeUpdate();
565             Show_data();
566             JOptionPane.showMessageDialog(null, "Updated !");
567         }catch (FileNotFoundException | SQLException | NumberFormatException ex){
568             JOptionPane.showMessageDialog(null, ex.getMessage());
569         }
570     }
571 }else{
572     JOptionPane.showMessageDialog(null, "One or More Field Are Empty or Wrong");
573 }
574 }
575

```

```

private void btn_insertActionPerformed(java.awt.event.ActionEvent evt) {
    if(checkInputs()&& imgpath != null){
        try {
            Connection con= sambungKeDatabase();
            PreparedStatement ps = con.prepareStatement("INSERT INTO data_doc (nama_doc,kategori_doc,add_tanggal,deskripsi ,kode_doc,image)"
                + "values(?,?,?,?,?,?)");
            ps.setString(1,txt_namaDoc.getText());
            ps.setString(2,txt_kategoriDoc.getText());
            SimpleDateFormat dateFormat =new SimpleDateFormat("yyyy-MM-dd");
            String addDate = dateFormat.format(date_add.getDate());
            ps.setString(3, addDate);
            ps.setString(4,txt_desk.getText());
            ps.setString(5,txt_kode.getText());
            InputStream img = new FileInputStream (new File(imgpath));
            ps.setBlob(6, img);
            ps.executeUpdate();
            Show_data();

            JOptionPane.showMessageDialog(null, "Data Inserted !");
        } catch (SQLException | FileNotFoundException | HeadlessException ex) {
            JOptionPane.showMessageDialog(null,ex.getMessage());
        }
    }else{
        JOptionPane.showMessageDialog(null, "One or More Field Are Empty");
    }
    System.out.println("nama document =>" +txt_namaDoc.getText());
    System.out.println("kategori doc=>" +txt_kategoriDoc.getText());
    System.out.println("add tanggal =>" +date_add.getDate());
    System.out.println("deskripsi =>" +txt_desk.getText());
    System.out.println(" kode =>" + txt_kode.getText());
    System.out.println("Image =>" + imgpath);
}

```

```

private void jTable1MouseClicked(java.awt.event.MouseEvent evt) {
    int index = jTable1.getSelectedRow();
    ShowItem(index);
}

private void btn_img1ActionPerformed(java.awt.event.ActionEvent evt) {
    JFileChooser file = new JFileChooser();
    file.setCurrentDirectory(new File(System.getProperty("user.home")));

    FileNameExtensionFilter filter = new FileNameExtensionFilter("images", "jpg", "png");
    file.addChoosableFileFilter(filter);
    int result = file.showSaveDialog(null);
    if(result == JFileChooser.APPROVE_OPTION){
        File selectedFile = file.getSelectedFile();
        String path = selectedFile.getAbsolutePath();
        lbl_image.setIcon(ResizeImage(path, null));
        imgpath=path;
    }else{
        System.out.println("No File Selected");
    } // TODO add your handling code here:
}

private void txt_kodeKeyTyped(java.awt.event.KeyEvent evt) {
    if(!Character.isDigit(evt.getKeyChar()) && !(evt.getKeyCode() == evt.VK_BACK_SPACE)){
        evt.consume();
    } // TODO add your handling code here:
}

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

```

```

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    String reportSource = null;
    String reportDest = null;

    try {
        sambungKeDatabase();
        reportSource = System.getProperty("user.dir") + "/laporan/cetak.jrxml";
        reportDest = System.getProperty("user.dir") + "/laporan/cetak.jasper";

        JasperReport jasperReport = JasperCompileManager.compileReport(reportSource);
        JasperPrint jasperPrint = JasperFillManager.fillReport(jasperReport, null, sambungKeDatabase());
        JasperExportManager.exportReportToHtmlFile(jasperPrint, reportDest);
        JasperViewer.viewReport(jasperPrint, false);
    } catch (Exception e) {
        System.out.println(e);
    }
}

```

```

private void txt_serchKeyReleased(java.awt.event.KeyEvent evt) {
    try {
        Connection con = sambungKeDatabase();
        String sql = "SELECT * FROM data_doc WHERE id=?";
        PreparedStatement pst = con.prepareStatement(sql);
        pst.setString(1, txt_serch.getText());
        ResultSet rs = pst.executeQuery();

        if(rs.next()){
            String setid = rs.getString("id");
            txt_id.setText(setid);
            String setnama = rs.getString("nama_doc");
            txt_namaDoc.setText(setnama);
            String setbasic = rs.getString("kategori_doc");
            txt_kategoriDoc.setText(setbasic);
            date_add.setDate(rs.getDate("add_tanggal"));
            String setlama = rs.getString("deskripsi");
            txt_desk.setText(setlama);
            String setbiaya = rs.getString("kode_doc");
            txt_kode.setText(setbiaya);
            byte[] img = rs.getBytes("image");
            ImageIcon imageIcon = new ImageIcon(new ImageIcon(img).getImage().getScaledInstance(
                lbl_image.getWidth(), lbl_image.getHeight(), Image.SCALE_SMOOTH));
            lbl_image.setIcon(imageIcon);
        }
    }
}

```

```

    } catch (Exception e) {
        JOptionPane.showMessageDialog(null, e);
    }
}

private void jLabel9MouseClicked(java.awt.event.MouseEvent evt) {
    FormLogin ad = new FormLogin();
    ad.setVisible(true);
    dispose(); // TODO add your handling code here:
}

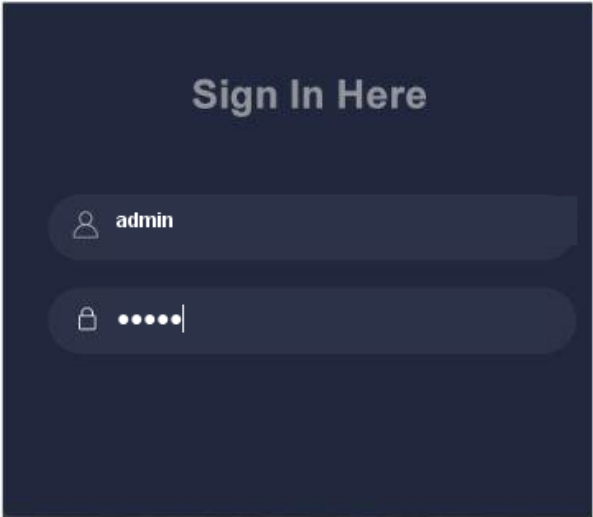

private void formWindowOpened(java.awt.event.WindowEvent evt) {
    // TODO add your handling code here:
}

public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    Look and feel setting code (optional)
    //</editor-fold>
    String tampilan = javax.swing.UIManager.getSystemLookAndFeelClassName();
    try {
        javax.swing.UIManager.setLookAndFeel(tampilan);
    } catch (Exception e) {}
    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new Runnable() {
        public void run() {
            dasbor mn = new dasbor();
            mn.setExtendedState(JFrame.MAXIMIZED_BOTH);
            mn.setVisible(true);
        }
    });
}


```


- d. Setelah mengikuti kodingan diatas saatnya kita mencoba apakah aplikasi kita berhasil atau tidak lihatlah hasil dibawah ini.

## Hasil Login



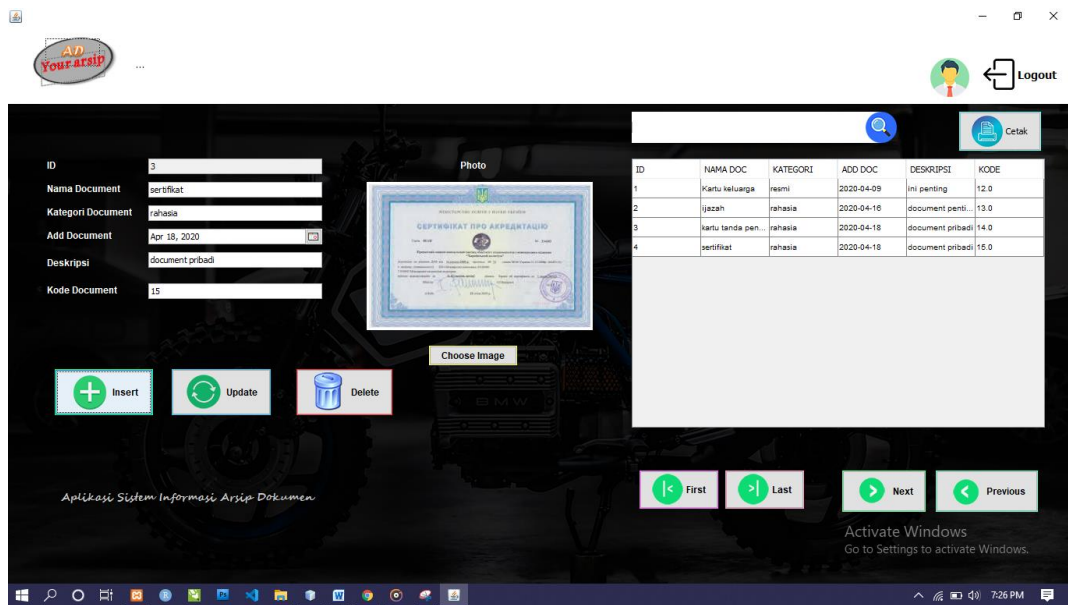
Sign In Here

 admin

 •••••

Login

## Hasil dasbor




Dashboard interface for 'AID Your arsip' application. The interface includes a sidebar with a logo, a top navigation bar with a search icon and a 'Cetak' button, and a main content area with a form, a photo upload section, and a table of documents.

**Form Fields:**

- ID: 3
- Nama Document: sertifikat
- Kategori Document: rahasia
- Add Document: Apr 18, 2020
- Deskripsi: document pribadi
- Kode Document: 15

**Photo Upload:**

Photo: 

Choose Image

**Buttons:** Insert, Update, Delete

**Table of Documents:**

ID	NAMA DOC	KATEGORI	ADD DOC	DESKRIPSI	KODE
1	Kartu keluarga	raimi	2020-04-09	ini penting	12.0
2	ijazah	rahasia	2020-04-16	document pensi	13.0
3	kartu tanda pen...	rahasia	2020-04-18	document pribadi	14.0
4	sertifikat	rahasia	2020-04-18	document pribadi	15.0

**Navigation Buttons:** First, Last, Next, Previous

**Footer:** Aplikasi Sistem Informasi Arsip Dokumen

**Windows Watermark:** Activate Windows. Go to Settings to activate Windows.

