

# PEMROGRAMAN VISUAL

FORM  
TRANSAKSI  
(PART 1)

# CONTOH FORM TRANSAKSI

The image shows a software window titled "Design Preview [rekam]" containing a medical record form. The form has a header with the text "~ Rekam Medis ~". Below the header, there are several input fields and buttons:

- No. Pendaftaran**: A text input field.
- Tanggal Pemeriksaan**: A date input field with a calendar icon.
- ID Dokter**: A text input field with a **Cari** button.
- Nama Dokter**: A text input field.
- No. Identitas Pasien**: A text input field with a **Cari** button.
- Nama Pasien**: A text input field.
- Golongan Darah**: A small text input field.
- Tinggi Badan**: A text input field.
- Berat Badan**: A text input field.
- Diagnosa Dokter**: A large text area with a scrollbar.

Below the input fields, there are three buttons: **SAVE**, **CLEAR**, and **EXIT**.

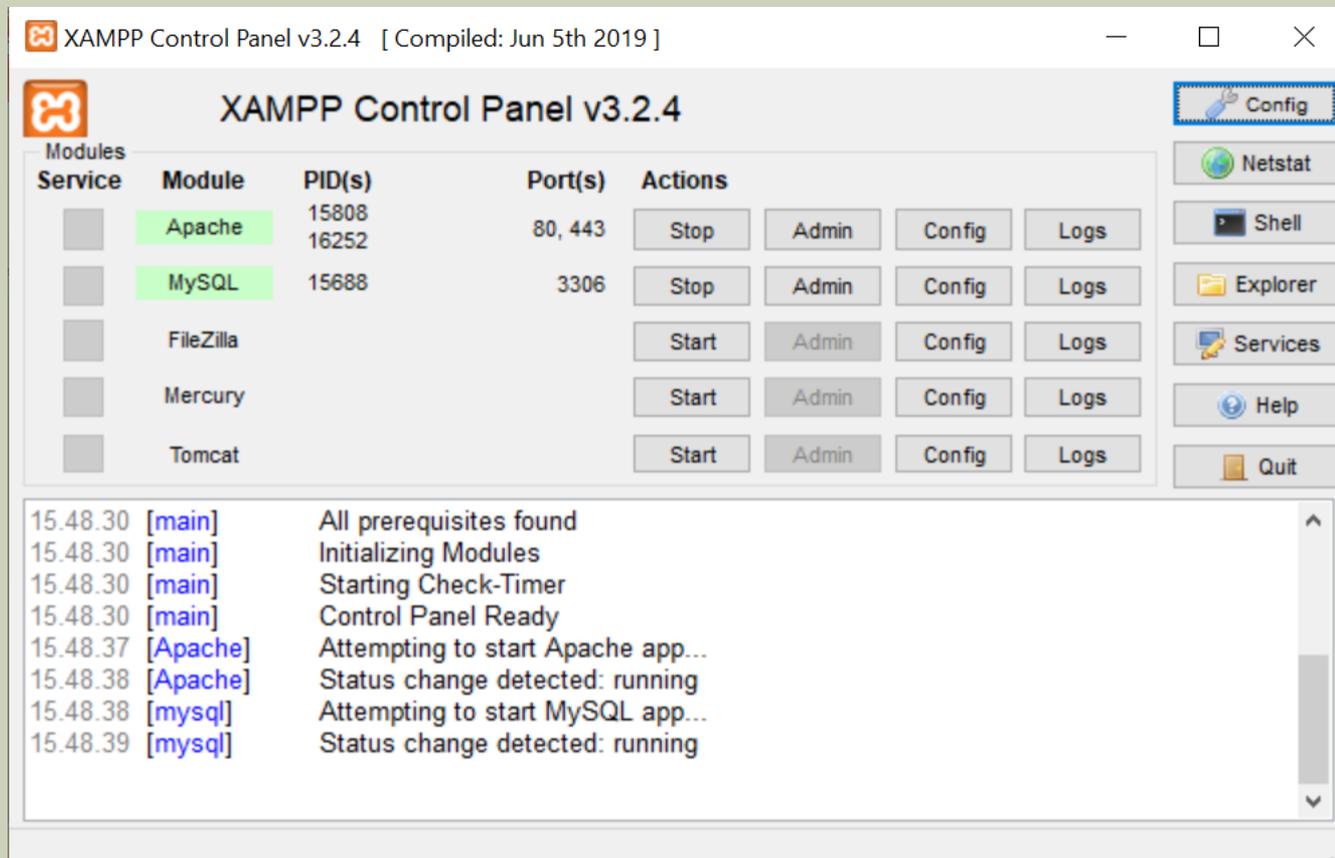
At the bottom, there is a section titled **Cari Data Riwayat Pasien** with a text input field and a **Cari** button.

Below this section is a table with 4 columns and 5 rows:

Title 1	Title 2	Title 3	Title 4

# MEMBUAT TABEL

- Buka XAMPP Control Panel, Aktifkan Apache dan MySQL



XAMPP Control Panel v3.2.4 [ Compiled: Jun 5th 2019 ]

**XAMPP Control Panel v3.2.4**

Modules

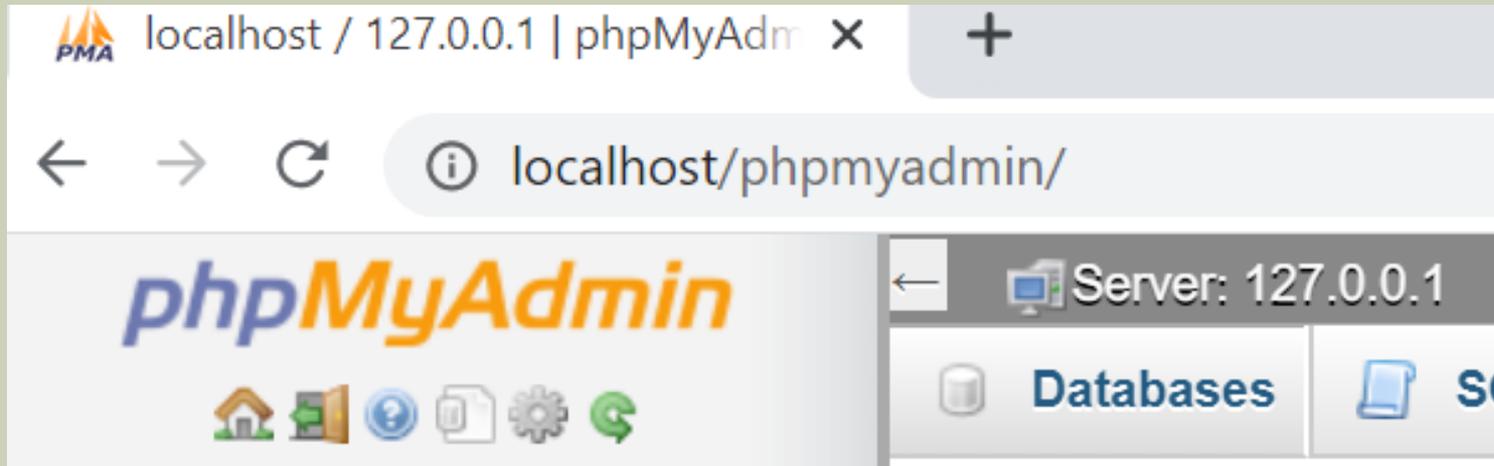
Service	Module	PID(s)	Port(s)	Actions
<input type="checkbox"/>	Apache	15808 16252	80, 443	Stop Admin Config Logs
<input type="checkbox"/>	MySQL	15688	3306	Stop Admin Config Logs
<input type="checkbox"/>	FileZilla			Start Admin Config Logs
<input type="checkbox"/>	Mercury			Start Admin Config Logs
<input type="checkbox"/>	Tomcat			Start Admin Config Logs

Config Netstat Shell Explorer Services Help Quit

15.48.30 [main] All prerequisites found  
15.48.30 [main] Initializing Modules  
15.48.30 [main] Starting Check-Timer  
15.48.30 [main] Control Panel Ready  
15.48.37 [Apache] Attempting to start Apache app...  
15.48.38 [Apache] Status change detected: running  
15.48.38 [mysql] Attempting to start MySQL app...  
15.48.39 [mysql] Status change detected: running

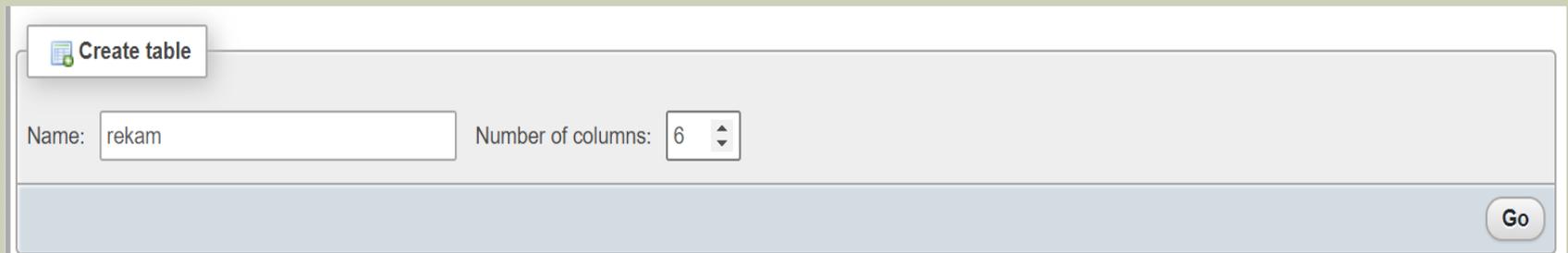
# MEMBUAT TABEL

- Buka phpMyAdmin melalui browser



# MEMBUAT TABEL

- Pada database klinik yang sudah ada sebelumnya, buat tabel rekam sebagai berikut



Create table

Name:  Number of columns:

Go

# MEMBUAT TABEL

Name	Type ?	Length/Values ?
<input type="text" value="tgl"/> <small>Pick from Central Columns</small>	<input type="text" value="VARCHAR"/> ▼	<input type="text" value="50"/>
<input type="text" value="id_dok"/> <small>Pick from Central Columns</small>	<input type="text" value="VARCHAR"/> ▼	<input type="text" value="50"/>
<input type="text" value="id_pas"/> <small>Pick from Central Columns</small>	<input type="text" value="VARCHAR"/> ▼	<input type="text" value="50"/>
<input type="text" value="tb"/> <small>Pick from Central Columns</small>	<input type="text" value="INT"/> ▼	<input type="text"/>
<input type="text" value="bb"/> <small>Pick from Central Columns</small>	<input type="text" value="INT"/> ▼	<input type="text"/>
<input type="text" value="diagnosa"/> <small>Pick from Central Columns</small>	<input type="text" value="VARCHAR"/> ▼	<input type="text" value="200"/>

# TABEL REKAM

- Klik Save

	#	Name	Type
<input type="checkbox"/>	1	<b>tgl</b>	varchar(50)
<input type="checkbox"/>	2	<b>id_dok</b>	varchar(50)
<input type="checkbox"/>	3	<b>id_pas</b>	varchar(50)
<input type="checkbox"/>	4	<b>tb</b>	int(11)
<input type="checkbox"/>	5	<b>bb</b>	int(11)
<input type="checkbox"/>	6	<b>diagnosa</b>	varchar(200)

# MEMBUAT TAMPILAN

- Buat form Rekam medis sebagai berikut :

The image shows a software design preview window titled "Design Preview [rekam]". The main content is a medical record form with the following elements:

- Header:** A decorative box containing the text "~ Rekam Medis ~".
- Registration and Exam Date:** Two text input fields labeled "No. Pendaftaran" and "Tanggal Pemeriksaan".
- Doctor Information:** A text input field for "ID Dokter" with a "Cari" button next to it, and a larger text input field for "Nama Dokter".
- Patient Information:** A text input field for "No. Identitas Pasien" with a "Cari" button next to it, and a larger text input field for "Nama Pasien".
- Physical Attributes:** Text input fields for "Golongan Darah", "Tinggi Badan", and "Berat Badan".
- Diagnosis:** A large text area for "Diagnosa Dokter" with a scroll bar.
- Actions:** Three buttons labeled "SAVE", "CLEAR", and "EXIT" arranged horizontally.
- Search and Table:** A text input field labeled "Cari Data Riwayat Pasien" with a "Cari" button next to it, and a table below it.

Title 1	Title 2	Title 3	Title 4

# MEMBUAT TAMPILAN

- Ubah nama variabel sebagai berikut

The screenshot displays the NetBeans IDE interface for a Java Swing application. The left pane shows the project structure with 'rekam.java' selected. The right pane shows the 'Design Preview' window for the 'rekam' form. The form is titled '~ Rekam Medis ~' and contains several input fields and buttons. The variables for these fields are listed in the table below.

Field Name	Variable Name
Tanggal Pemeriksaan	dperiksa
ID Dokter	tid_dokter
Nama Dokter	tnama_dokter
No. Identitas Pasien	tid_pasien
Nama Pasien	tnama_pasien
Golongan Darah	tgd
Tinggi Badan	ttb
Berat Badan	tbb
Diagnosa Dokter	tdiagnosa
Cari Data Riwayat Pasien	tcari

Buttons and their corresponding variables:

- SAVE: bsave
- CLEAR: bclear
- EXIT: bexit
- Cari (ID Dokter): bcari\_dokter
- Cari (No. Identitas Pasien): bcari\_pasien
- Cari (Cari Data Riwayat Pasien): bcari

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# MEMBUAT TAMPILAN

- Tambahkan sintaks berikut pada source program:

```
package tampilan;
import java.sql.*;
import java.text.SimpleDateFormat;
import javax.swing.JOptionPane;
import javax.swing.table.DefaultTableModel;
import koneksi.koneksi;

/**
 *
 * @author fun
 */
public class rekam extends javax.swing.JFrame {
    private Connection conn = new koneksi().connect();
    private DefaultTableModel tabmode;
```

# MEMBUAT TAMPILAN

- Tambahkan sintaks berikut pada source program:

```
protected void aktif() {  
    dperiksa.setEnabled(true);  
    tid_dokter.setEnabled(true);  
    tnama_dokter.setEnabled(true);  
    tid_pasien.setEnabled(true);  
    tnama_pasien.setEnabled(true);  
    tgd.setEnabled(true);  
    ttb.setEnabled(true);  
    tdiagnosa.setEnabled(true);  
    tcari.setEnabled(true);  
    dperiksa.requestFocus();  
}
```

# MEMBUAT TAMPILAN

- Tambahkan sintaks berikut pada source program:

```
protected void kosong() {  
    dperiksa.setText("");  
    tid_dokter.setText("");  
    tnama_dokter.setText("");  
    tid_pasien.setText("");  
    tnama_pasien.setText("");  
    tgd.setText("");  
    ttb.setText("");  
    tbb.setText("");  
    tdiagnosa.setText("");  
    tcari.setText("");  
}
```

# MEMBUAT TAMPILAN

- Tambahkan sintaks berikut pada source program:

```
protected void datatable () {
    Object[] Baris = {"Tanggal Periksa", "ID Dokter", "ID Pasien", "Tinggi Badan", "Berat Badan", "Diagnosa"};
    tabmode = new DefaultTableModel(null, Baris);
    tabelrekam.setModel(tabmode);
    String sql = "select * from rekam";
    try {
        java.sql.Statement stat = conn.createStatement();
        ResultSet hasil = stat.executeQuery(sql);
        while(hasil.next()) {
            String a = hasil.getString("tgl");
            String b = hasil.getString("id_dok");
            String c = hasil.getString("id_pas");
            String d = hasil.getString("tb");
            String e = hasil.getString("bb");
            String f = hasil.getString("diagnosa");

            String[] data={a,b,c,d,e,f};
            tabmode.addRow(data);
        }
    } catch (Exception e) {
    }
}
/** Creates new form rekam */
public rekam() {
    initComponents();
    datatable();
}
```

# TUGAS

- **Buat Form transaksi sesuai dengan project masing-masing**