

PEMROGRAMAN VISUAL

KONEKSI JAVA
DATABASE
(PART 2)

CONTOH PROGRAM KONEKSI DATABASE (LANJUTAN)

~ DATA PASIEN ~

No. Identitas

Nama Pasien

Jenis Kelamin Laki-laki Perempuan

Alamat - No. telp

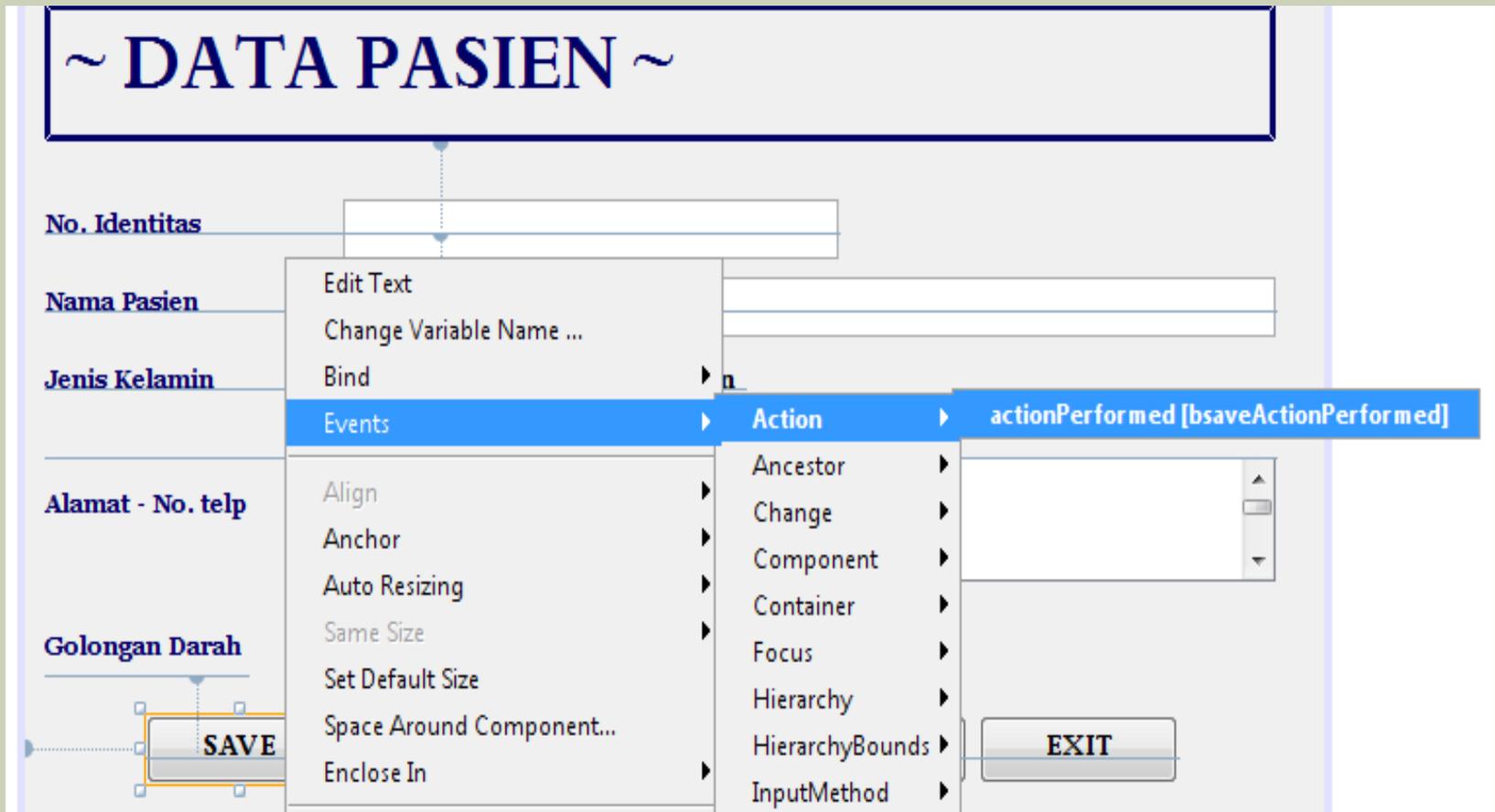
Golongan Darah

Kata kunci pencarian

No. Identitas	Nama Pasien	Jenis Kelamin	Alamat	Golongan Darah

MENAMBAHKAN EVENT

- Tambahkan event `actionPerformed` pada button Save :



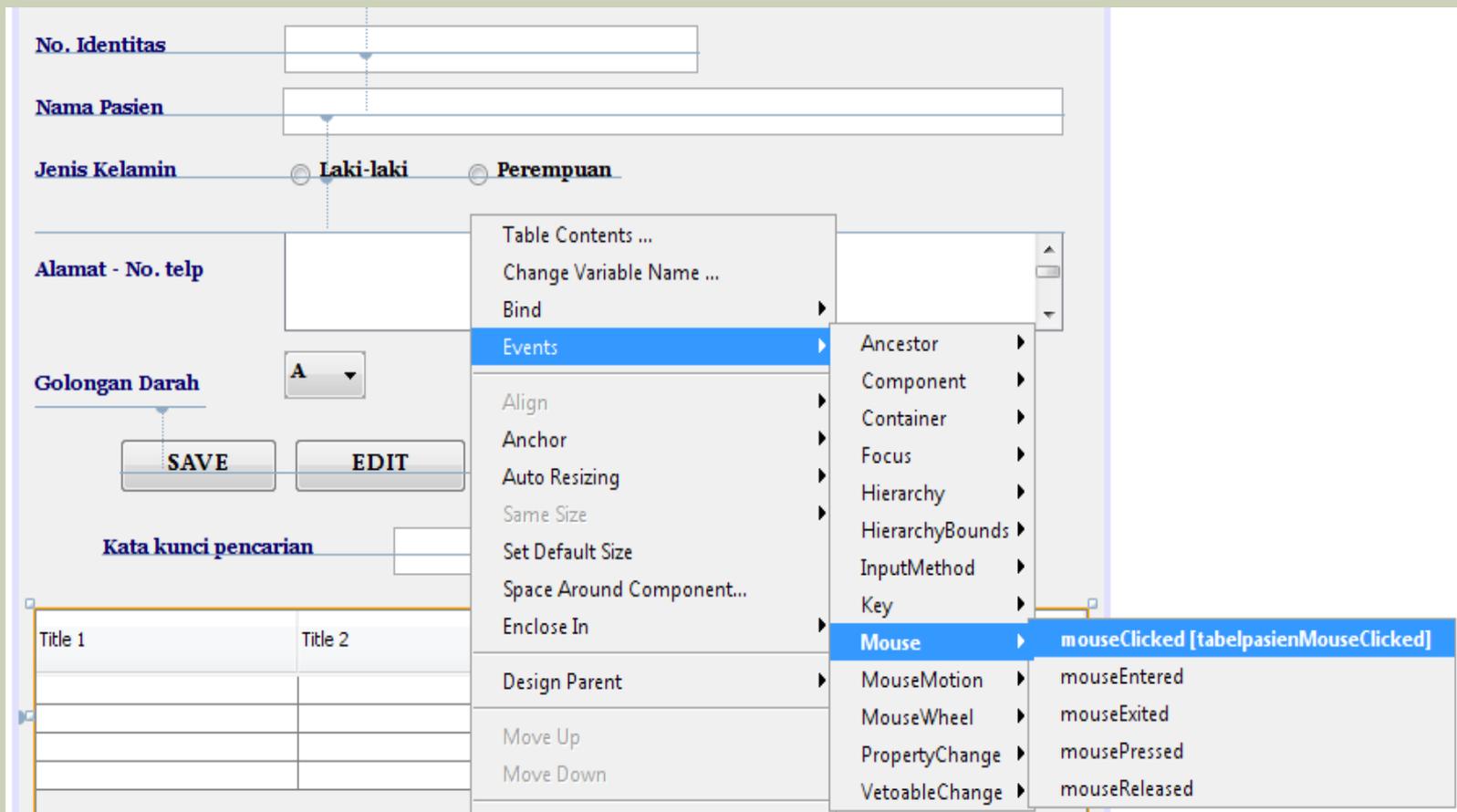
MENAMBAHKAN EVENT

- Tulis sintaks berikut :

```
private void bsaveActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    String sql = "insert into pasien values (?, ?, ?, ?, ?)";  
    try {  
        PreparedStatement stat = conn.prepareStatement(sql);  
        stat.setString(1, tid.getText());  
        stat.setString(2, tnama.getText());  
  
        String jkel="";  
        if(rjkl.isSelected()) jkel="Laki-laki";  
        else jkel="Perempuan";  
        stat.setString(3, jkel);  
  
        stat.setString(4, talm.getText());  
        stat.setString(5, cgd.getSelectedItem().toString());  
  
        stat.executeUpdate();  
        JOptionPane.showMessageDialog(null, "Data Berhasil Disimpan");  
        kosong();  
        tid.requestFocus();  
        datatable();  
    } catch (SQLException e) {  
        JOptionPane.showMessageDialog(null, "Data Gagal Disimpan "+e);  
    }  
}
```

MENAMBAHKAN EVENT

- Tambahkan event `mouseClicked` pada `tabelpasien` :



MENAMBAHKAN EVENT

- Tulis sintaks berikut :

```
private void tabelpasienMouseClicked(java.awt.event.MouseEvent evt) {  
    // TODO add your handling code here:  
    int bar = tabelpasien.getSelectedRow();  
    String a = tabelpasien.getValueAt(bar, 0).toString();  
    String b = tabelpasien.getValueAt(bar, 1).toString();  
    String c = tabelpasien.getValueAt(bar, 2).toString();  
    String d = tabelpasien.getValueAt(bar, 3).toString();  
    String e = tabelpasien.getValueAt(bar, 4).toString();  
  
    tid.setText(a);  
    tnama.setText(b);  
  
    if(c.equals("Laki-laki")) {rjk1.setSelected(true); rjk2.setSelected(false);}  
    else {rjk1.setSelected(false); rjk2.setSelected(true);}  
  
    talm.setText(d);  
    cgd.setSelectedItem(e);  
}
```

MENAMBAHKAN EVENT

- Tambahkan event `ActionPerformed` pada button Edit, dan tulis sintaks berikut :

```
private void beditActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    try {  
        String sql = "update pasien set nama=?,jkl=?,alamat=?,goldar=? where id =?";  
        PreparedStatement stat = conn.prepareStatement(sql);  
        stat.setString(1, tnama.getText());  
  
        String jkel="";  
        if(rjkl.isSelected()) jkel="Laki-laki";  
        else jkel="Perempuan";  
        stat.setString(2, jkel);  
  
        stat.setString(3, talm.getText());  
        stat.setString(4, cgd.getSelectedItem().toString());  
        stat.setString(5, tid.getText());  
  
        stat.executeUpdate();  
        JOptionPane.showMessageDialog(null, "Data Berhasil diubah");  
        kosong();  
        tid.requestFocus();  
        datatable();  
    } catch (SQLException e) {  
        JOptionPane.showMessageDialog(null, "Data Gagal Diubah "+e);  
    }  
}
```

MENAMBAHKAN EVENT

- Tambahkan event `actionPerformed` pada button Delete :

```
private void bdeleteActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    int ok = JOptionPane.showConfirmDialog(null, "hapus", "KOnfirmasi Dialog", JOptionPane.YES_NO_CANCEL_OPTION);  
    if (ok==0){  
        String sql ="delete from pasien where id='"+tid.getText()+"'  
        try {  
            PreparedStatement stat = conn.prepareStatement(sql);  
            stat.executeUpdate();  
            JOptionPane.showMessageDialog(null, "data berhasil dihapus");  
            kosong();  
            tid.requestFocus();  
            datatable();  
        }catch (SQLException e) {  
            JOptionPane.showMessageDialog(null, "Data gagal dihapus" +e);  
        }  
    }  
}
```

MENAMBAHKAN EVENT

- Tambahkan event `ActionPerformed` pada button Exit :

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

MENAMBAHKAN EVENT

- Tambahkan event `ActionPerformed` pada button Clear :

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

TUGAS

- **Buat Form Login (terkoneksi dengan database)**
- **Sesuaikan dengan admin yang dibuat pada TUGAS SEBELUMNYA**