

Laporan Praktikum Pemrograman Berorientasi Objek P-11

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Kelas : 22D

1. Source Code

a) tampilData()

```
26 private void tampilData() {
27     String nama,nim,prodi,notelp;
28     try {
29         Connection con = Koneksi.GetConnection();
30         Statement st = con.createStatement();
31
32         String query = "SELECT nama,nim,prodi,notelp FROM mahasiswa";
33         ResultSet rs = st.executeQuery(query);
34
35         DefaultTableModel model = (DefaultTableModel) tblmhs.getModel();
36         model.setRowCount(0);
37
38         while(rs.next()) {
39             nama = rs.getString("nama");
40             nim = rs.getString("nim");
41             prodi = rs.getString("prodi");
42             notelp = rs.getString("notelp");
43             Object[] data = {nama,nim,prodi,notelp};
44             model.addRow(data);
45         }
46     } catch (Exception e) {
47         e.printStackTrace();
48     }
49 }
50 }
```

b) btntampil

```
199 private void btntambahActionPerformed(java.awt.event.ActionEvent evt) {
200     // TODO add your handling code here:
201     String nama, nim, prodi, notelp;
202     nama = TFnama.getText();
203     nim = TFnim.getText();
204     prodi = TFprodi.getText();
205     notelp = TFnotelp.getText();
206     Object[] data = {nama,nim,prodi,notelp};
207     model.addRow(data);
208     try {
209         Connection con = Koneksi.GetConnection();
210         String query = "INSERT INTO mahasiswa(nama,nim,prodi,notelp) VALUES(?,?";
211         PreparedStatement p = con.prepareStatement(query);
212
213         p.setString(1,nama);
214         p.setString(2,nim);
215         p.setString(3,prodi);
216         p.setString(4,notelp);
217
218         p.executeUpdate();
219         p.close();
220         System.out.println("Executed");
221         TFnama.setText("");
222         TFnim.setText("");
223         TFprodi.setText("");
224         TFnotelp.setText("");
225     }
226     catch (Exception e){
227         e.printStackTrace();
228     }
229 }
```

c) btnhapus

```

236 private void btnhapusActionPerformed(java.awt.event.ActionEvent evt) {
237     // TODO add your handling code here:
238     int selectedIndex = tblmhs.getSelectedRow();
239     if(selectedRowIndex == -1){
240         JOptionPane.showMessageDialog(this, "Tidak ada tabel yang dipilih.");
241     }
242     else {
243         String nim = tblmhs.getValueAt(selectedRowIndex, 1).toString();
244
245         try {
246             Connection con = Koneksi.GetConnection();
247             String query = "DELETE FROM mahasiswa where nim = ?";
248             PreparedStatement p = con.prepareStatement(query);
249             p.setString(1,nim);
250
251             p.executeUpdate();
252             p.close();
253
254             DefaultTableModel model = (DefaultTableModel) tblmhs.getModel();
255             model.removeRow(selectedRowIndex);
256
257             JOptionPane.showMessageDialog(this, "Tabel berhasil dihapus.");
258         }
259         catch (Exception e) {
260             JOptionPane.showMessageDialog(this, "Gagal Menghapus data");
261         }
262     }
263 }

```

2. Output

The screenshot shows a Java Swing application window with a light gray background. At the top, there are four text input fields labeled "Nama", "NIM", "Prodi", and "No Telp". Below these fields are three buttons: "Tambah" (highlighted with a blue border), "Hapus", and "Tampil". At the bottom of the window is a table with four columns: "Nama", "NIM", "Prodi", and "No Telp". The table contains two rows of data.

Nama	NIM	Prodi	No Telp
Moreno Binta...	241110062	IF	08652364
Ikhsan	24972531	Agro	0872374638

Server: localhost:3306 » Database: test » Table: mahasiswa

BrowseStructureSQLSearchInsertExportImportPrivilegesOperations

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

✔ Showing rows 0 - 1 (2 total, Query took 0.0006 seconds.)

SELECT * FROM `mahasiswa`

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

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

Extra options

nama	nim	prodi	notelp
Moreno Bintang Wijanarko	241110062	IF	08652364
Ikhsan	24972531	Agro	0872374638

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

Query results operations

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