



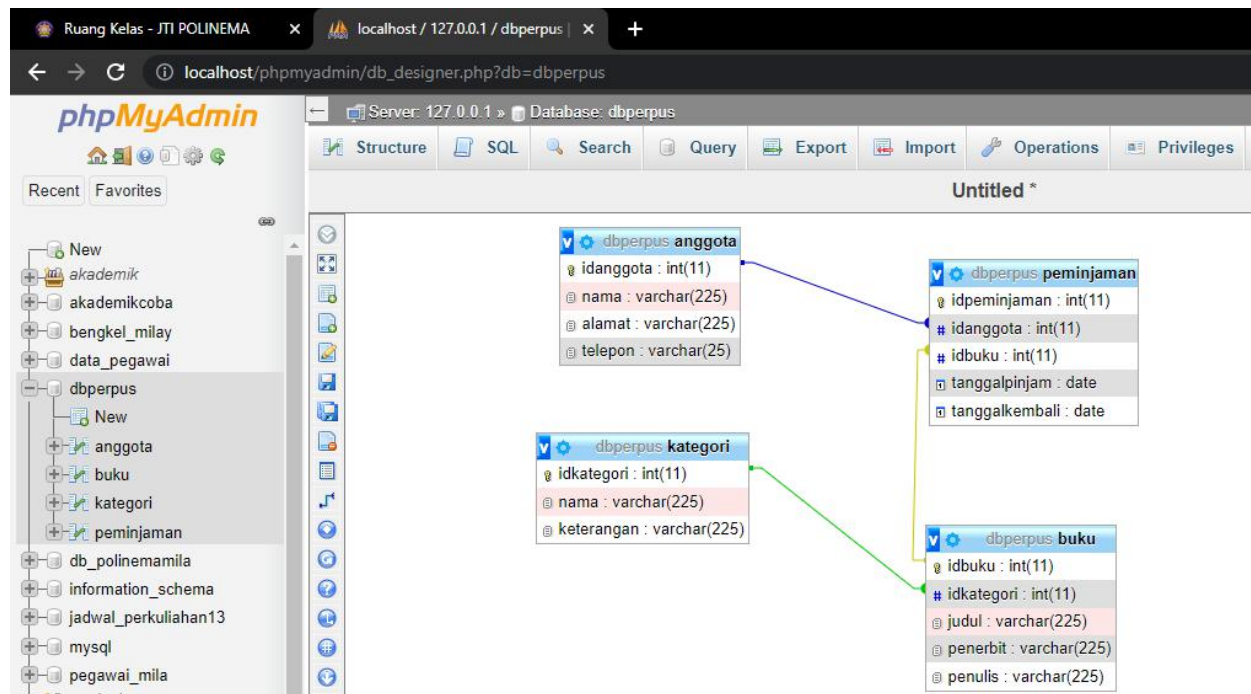
Jurusan Teknologi Informasi Politeknik Negeri Malang  
**Jobsheet-12: GUI dan Database**  
Mata Kuliah Praktikum Pemrograman Berbasis Objek  
Pengampu: Tim Ajar Praktikum Pemrograman Berbasis Objek  
November 2021

Nama	:	MILA YUNITA
Nim	:	2041720027
Kelas	:	TI-2C
Absen	:	12

## A. PERCOBAAN 1

- Langkah pertama untuk percobaan ini adalah membuat database. Install XAMPP, buka phpMyAdmin, buat database dbperpus, dan tabel-tabelnya:

**Jawab:**





## B. PERCOBAAN 5

### Output

```
Output - Run (TestBackend) X
cd C:\Users\VivoBook\Documents\NetBeansProjects\OOP12_GUI_MILAY; "JAVA_HOME=C:\Program Files\Java\jdk1.8.0_261" cmd /c "%C:\Program Files\N
Running NetBeans Compile On Save execution. Phase execution is skipped and output directories of dependency projects (with Compile on Save turned
Scanning for projects...

-----< com.mycompany:OOP12_GUI_MILAY >-----
Building OOP12_GUI_MILAY 1.0-SNAPSHOT
[ jar ]-----

--- exec-maven-plugin:1.5.0:exec (default-cli) @ OOP12_GUI_MILAY ---
Nama: Novel, Ket: Koleksi buku novel
Nama: Referensi, Ket: Koleksi buku referensi ilmiah
Nama: Referensi, Ket: Koleksi buku referensi ilmiah
BUILD SUCCESS
Total time: 3.852 s
Finished at: 2021-11-23T16:30:48+07:00
```

## C. PERCOBAAN 6

### Output FrmKategori.java

ID	Nama	Keterangan
19	Novel	Koleksi buku novel
20	Referensi	Koleksi buku referensi il...
22	Fiksi	Koleksi buku fiksi



**Output saat melakukan test pada class TestBackend pada package frontend.**

```
cd C:\Users\VivoBook\Documents\NetBeansProjects\OOP12_GUI_MILAY; "JAVA_HO
Running NetBeans Compile On Save execution. Phase execution is skipped an
Scanning for projects...

-----< com.mycompany:OOP12_GUI_MILAY >-----
Building OOP12_GUI_MILAY 1.0-SNAPSHOT
-----[ jar ]-----

--- exec-maven-plugin:1.5.0:exec (default-cli) @ OOP12_GUI_MILAY ---
Nama: Mila, Alamat: Malang, Telepon: 082192822298
Nama: Yunita, Alamat: Sidoarjo, Telepon: 083928912728

BUILD SUCCESS

Total time: 3.891 s
Finished at: 2021-11-23T21:15:24+07:00
```



#### D. PERCOBAAN 7

Output saat menjalankan program FrmAnggota yang ada di package frontend

The screenshot shows a Java Swing window titled "FrmAnggota". It contains a form with four text input fields: "ID Anggota" (containing "22"), "Nama" (containing "Shanum"), "Alamat" (containing "Surabaya"), and "Telepon" (containing "082383746372"). Below the form is a "Simpan" button. At the bottom, there are three buttons: "Tambah Baru", "Hapus", and "Cari", with an empty text input field between "Hapus" and "Cari". Below the buttons is a table displaying a list of members.

ID	Nama	Alamat	Telepon
19	Mila	Malang	082192822298
20	Yunita	Sidoarjo	null
22	Shanum	Surabaya	null



**Output saat menjalankan program TestBackend dari file Buku.java**

```
cd C:\Users\VivoBook\Documents\NetBeansProjects\OOP12_GUI_MILAY; "JAVA_HOME=C:\\Progr
Running NetBeans Compile On Save execution. Phase execution is skipped and output di
Scanning for projects...

-----< com.mycompany:OOP12_GUI_MILAY >-----
Building OOP12_GUI_MILAY 1.0-SNAPSHOT
-----[ jar ]-----

--- exec-maven-plugin:1.5.0:exec (default-cli) @ OOP12_GUI_MILAY ---
Kategori: Novel, Judul: Timun Mas
Kategori: Referensi, Judul: Aljabar Linier
Kategori: Novel, Judul: Timun Mas

BUILD SUCCESS

Total time: 4.620 s
Finished at: 2021-11-24T00:58:45+07:00
```



## E. PERCOBAAN 8

### Output program JFrame FrmBuku

ID	Kategori	Judul	Penulis	Penerbit
7	Novel	Timun Mas	Bang Supit	Elex Media
8	Referensi	Aljabar Linier	Alex Baldwin	Springer
9	Fiksi	The Sphere	Michael	Wayne Publis...