

## Tugas Sesi 11

### Basis Data (Data Definition Language)

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#### DATA DEFINITION LANGUAGE (DDL)

#### KASUS DATA SISTEM PENDAFTARAN LOKER

The image displays two screenshots of the phpMyAdmin web interface, demonstrating the steps to create a database and a table for a job application system.

**Top Screenshot:** The interface shows the 'Databases' tab selected. A successful message states: 'MySQL returned an empty result set (i.e. zero rows). (Query took 0.0040 seconds.)'. Below this, the SQL query `CREATE DATABASE db_loker` is entered. The left sidebar shows a list of recent databases, including 'bookdbv11', 'candralabcommercedb', 'cdcol', 'data', 'db', 'himura', 'information\_schema', and 'jadwal'.

**Bottom Screenshot:** The interface shows the 'Structure' tab selected for the 'Database: db\_loker'. A successful message states: 'MySQL returned an empty result set (i.e. zero rows). (Query took 0.4100 seconds.)'. Below this, the SQL query `CREATE TABLE pelamar( nik integer(16), nama char(16), email varchar(15), posisi varchar(30), CONSTRAINT PK_nik PRIMARY KEY (nik))` is entered. The left sidebar shows the 'db' database selected, with a list of tables including 'db\_arsip', 'db\_biodata', 'db\_loker', 'db\_mahasiswa', 'db\_pegawai', 'db\_penjualanbuku', and 'db\_portal berita'.

phpMyAdmin

Recent Favorites

- data
- db
  - db\_arsip
  - db\_biodata
  - db\_loker
    - New
    - klien\_pt
    - pelamar

Server: 127.0.0.1 » Database: db\_loker

Structure SQL Search Query Export Import Operations Privileges Routines Events More

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.2960 seconds.)

```
CREATE TABLE Klien_PT( Kode_klien varchar(10), nama_pt char(16), jenis_pt varchar(15), alamat varchar(30), CONSTRAINT KDPT_Kode_klien PRIMARY KEY (Kode_klien))
```

[ Inline ] [ Edit ] [ Create PHP C

Show query box

phpMyAdmin

Recent Favorites

- New
- bookdbv11
- candralabcommercedb
- cdcol
- data
- db
  - db\_arsip
  - db\_biodata

Server: 127.0.0.1 » Database: db\_loker » Table: klien\_pt

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.3010 seconds.)

```
CREATE TABLE admin( kode_karyawan varchar(8), nama char(10), tanggal_lahir date, usia integer(3), jabatan varchar(30), CONSTRAINT PRIMARY KEY (kode_karyawan))
```

[ Inline ] [ Edit ] [ Create PHP

Show query box

phpMyAdmin

Recent Favorites

- New
- bookdbv11
- candralabcommercedb
- cdcol
- data
- db
- db\_arsip

Server: 127.0.0.1 » Database: db\_loker » Table: pelamar

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

✓ 5 rows inserted. (Query took 0.0680 seconds.)

```
INSERT INTO `db_loker`.`pelamar` (`nik`, `nama`, `email`, `posisi`) VALUES ('3202102', 'Juned', 'junel@gmail.com', 'IT'), ('31277028', 'Inaza', 'inaz2@gmail.com', 'OP Produksi'), ('30122104', 'Reni', 'Renis@gmail.com', 'QA '), ('3204107', 'Ajin', 'ajir2@gmail.com', 'Supir '), ('3321078', 'Hiyung', 'hyung@gmail.com', 'Security')
```

[ Inline ] [ Edit ] [ Create PHP Code ]

phpMyAdmin

Recent Favorites

- New
- bookdbv11
- candralabcommercedb
- cdcol
- data
- db
- db\_arsip
- db\_biodata

Server: 127.0.0.1 » Database: db\_loker » Table: klien\_pt

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

✓ 5 rows inserted.

```
INSERT INTO `db_loker`.`klien_pt` (`Kode_klien`, `nama_pt`, `jenis_pt`, `alamat`) VALUES ('KDPT001', 'PT.MersifarmaTM', 'farmasi', 'cikembar'), ('KDPT002', 'PT.NIKE', 'Manufaktur', 'Sukaraja'), ('KDPT003', 'PT.Tesla IND', 'Teknologi', 'Melawai, Jakarta'), ('KDPT004', 'PT.Telkom TBK', 'Telekomunikasi', 'Indonesia '), ('KDPT005', 'PT.Samsung ID', 'Elektronik', 'Cikarang Utara, Kab. Bekasi');
```

[ Inline ] [ Edit ] [ Create PHP Code ]

Run SQL queries/queries on database db\_loker

phpMyAdmin

Recent Favorites

- New
- bookdbv11
- candralabcommercedb
- cdcol
- data
- db
- db\_arsip
- db\_biodata

Server: 127.0.0.1 » Database: db\_loker » Table: admin

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

✓ 5 rows inserted.

```
INSERT INTO `db_loker`.`admin` (`kode_karyawan`, `nama`, `tanggal_lahir`, `usia`, `jabatan`) VALUES ('KDK001', 'Neng Sri', '2001-12-10', '20', 'Staff Admin'), ('KDK002', 'Adniya', '2000-02-25', '21', 'Admin'), ('KDK003', 'Adi', '2000-06-01', '21', 'IT'), ('KDK004', 'Nur Ulia', '1998-09-10', '23', 'Manager'), ('KDK005', 'Agung', '1990-08-04', '29', 'CEO');
```

[ Inline ] [ Edit ] [ Create PHP Code ]

phpMyAdmin

Server: 127.0.0.1 Database: db\_loker Table: admin

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Showing rows 0 - 24 (125 total, Query took 0.0010 seconds.)

```
SELECT * FROM `admin`,`klien_pt`,`pelamar`
```

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

+ Options

kode_karyawan	nama	tanggal_lahir	usia	jabatan	Kode_klien	nama_pt	jenis_pt	alamat	nik	nama	email	posisi
KDK001	Neng Sri	2001-12-10	20	Staff Admin	KDPT001	PT.MersifarmaTM	farmasi	cikembar	3202102	Juned	june1@gmail.com	IT
KDK002	Adniya	2000-02-25	21	Admin	KDPT001	PT.MersifarmaTM	farmasi	cikembar	3202102	Juned	june1@gmail.com	IT
KDK003	Adi	2000-06-01	21	IT	KDPT001	PT.MersifarmaTM	farmasi	cikembar	3202102	Juned	june1@gmail.com	IT
KDK004	Nur Ulia	1998-09-10	23	Manager	KDPT001	PT.MersifarmaTM	farmasi	cikembar	3202102	Juned	june1@gmail.com	IT
KDK005	Agung	1990-08-04	29	CEO	KDPT001	PT.MersifarmaTM	farmasi	cikembar	3202102	Juned	june1@gmail.com	IT
KDK001	Neng Sri	2001-12-10	20	Staff Admin	KDPT002	PT.NIKE	Manufaktur	Sukaraja	3202102	Juned	june1@gmail.com	IT
KDK002	Adniya	2000-02-25	21	Admin	KDPT002	PT.NIKE	Manufaktur	Sukaraja	3202102	Juned	june1@gmail.com	IT
KDK003	Adi	2000-06-01	21	IT	KDPT002	PT.NIKE	Manufaktur	Sukaraja	3202102	Juned	june1@gmail.com	IT
KDK004	Nur Ulia	1998-09-10	23	Manager	KDPT002	PT.NIKE	Manufaktur	Sukaraja	3202102	Juned	june1@gmail.com	IT
KDK005	Agung	1990-08-04	29	CEO	KDPT002	PT.NIKE	Manufaktur	Sukaraja	3202102	Juned	june1@gmail.com	IT
KDK001	Neng Sri	2001-12-10	20	Staff Admin	KDPT003	PT.Tesla IND	Teknologi	Melawai, Jakarta	3202102	Juned	june1@gmail.com	IT
KDK002	Adniya	2000-02-25	21	Admin	KDPT003	PT.Tesla IND	Teknologi	Melawai, Jakarta	3202102	Juned	june1@gmail.com	IT