

**LAPORAN PRAKTIKUM  
SEBAGAI ANGGOTA 3**



**DISUSUN OLEH :**

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**JURUSAN TEKNIK  
PROGRAM STUDI D-III TEKNOLOGI INFORMASI  
POLITEKNIK NEGERI MADIUN  
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## 1. Connec ke MariaDB

```
Administrator: XAMPP for Windows - mysql -u root-h 127.0.0.1 -P 3306 -p

Setting environment for using XAMPP for Windows.
Administrator@WIN-P0MD066T029 c:\xampp
# mysql -u root -h 127.0.0.1 -P 3306 -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 8
Server version: 10.4.32-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
```

## 2. Stop slave

```
MariaDB [(none)]> STOP SLAVE;
Query OK, 0 rows affected (0.009 sec)

MariaDB [(none)]> CHANGE MASTER TO MASTER_HOST = '10.80.0.115', MASTER_USER = 'replika_latifa', MASTER_PASSWORD = 'latifa' , MASTER_LOG_FILE = 'mysql-bin.000008', MASTER_LOG_POS = 385;
Query OK, 0 rows affected (0.013 sec)

MariaDB [(none)]> START SLAVE;
Query OK, 0 rows affected (0.001 sec)
```

## 3. Atur slave untuk mereplikasi master

```
MariaDB [(none)]> CHANGE MASTER TO MASTER_HOST = '10.80.0.115', MASTER_USER = 'replika_latifa', MASTER_PASSWORD = 'latifa' , MASTER_LOG_FILE = 'mysql-bin.000008', MASTER_LOG_POS = 385;
Query OK, 0 rows affected (0.013 sec)

MariaDB [(none)]> START SLAVE;
Query OK, 0 rows affected (0.001 sec)
```

## 4. Start slave

```
MariaDB [(none)]> START SLAVE;
Query OK, 0 rows affected (0.001 sec)
```

## 5. Show databases

```
MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| db_nilaisiswa |
| information_schema |
| mysql |
| performance_schema |
| phpmyadmin |
| test |
+-----+
6 rows in set (0.001 sec)

MariaDB [(none)]> _
```



```
MariaDB [db_nilaisiswa]> show tables;
```

```
+-----+  
| Tables_in_db_nilaisiswa |  
+-----+  
| guru_pengajar          |  
| input                   |  
| kehadiran_siswa         |  
| kelas                   |  
+-----+  
4 rows in set (0.001 sec)
```

```
MariaDB [db_nilaisiswa]> show tables;
```

```
+-----+  
| Tables_in_db_nilaisiswa |  
+-----+  
| guru_pengajar          |  
| input                   |  
| kehadiran_siswa         |  
| kelas                   |  
| siswa                   |  
+-----+  
5 rows in set (0.001 sec)
```

```
MariaDB [db_nilaisiswa]> show tables;
```

```
+-----+  
| Tables_in_db_nilaisiswa |  
+-----+  
| guru_pengajar          |  
| input                   |  
| kehadiran_siswa         |  
| kelas                   |  
| mata_pelajaran         |  
| siswa                   |  
+-----+  
6 rows in set (0.001 sec)
```

```
MariaDB [db_nilaisiswa]> █
```

```
MariaDB [db_nilaisiswa]> show tables;
```

```
+-----+  
| Tables_in_db_nilaisiswa |  
+-----+  
| guru_pengajar          |  
| kehadiran_siswa         |  
| kelas                   |  
+-----+  
3 rows in set (0.001 sec)
```

```
MariaDB [db_nilaisiswa]> show tables;
```

```
+-----+  
| Tables_in_db_nilaisiswa |  
+-----+  
| guru_pengajar          |  
| input                   |  
| kehadiran_siswa         |  
| kelas                   |  
+-----+  
4 rows in set (0.001 sec)
```

```
MariaDB [db_nilaisiswa]> show tables;
```

```
+-----+  
| Tables_in_db_nilaisiswa |  
+-----+  
| guru_pengajar          |  
| input                   |  
| kehadiran_siswa         |  
| kelas                   |  
| siswa                   |  
+-----+  
5 rows in set (0.001 sec)
```

```
MariaDB [db_nilaisiswa]> show tables;
```

```
+-----+  
| Tables_in_db_nilaisiswa |  
+-----+  
| guru_pengajar          |  
| input                   |  
| kehadiran_siswa         |  
| kelas                   |  
| mata_pelajaran          |  
| siswa                   |  
+-----+  
6 rows in set (0.001 sec)
```

## Menampilkan isi tabel guru pengajar

```
MariaDB [db_nilaisiswa]> select * from guru_pengajar;
```

```
+-----+  
| ID_guru | NIP      | Nama_guru | Jenis_kelamin | Alamat |  
+-----+  
| 8900    | 2430090 | P.nanang  | L              | Geger  |  
| 8901    | 2430091 | P.tri     | L              | Madiun |  
| 8902    | 2430092 | B.nisa    | P              | Caruban |  
| 8903    | 2430093 | B.nia     | P              | Kebonsari |  
+-----+  
4 rows in set (0.001 sec)
```

```
MariaDB [db_nilaisiswa]>
```

## Menampilkan isi tabel kehadiran siswa

```
MariaDB [db_nilaisiswa]> select * from kehadiran_siswa;
```

ID_kehadiran	ID_siswa	Tanggal	Status_kehadiran
20	241	2024-05-24	Hadir
21	242	2024-05-24	Hadir
22	243	2024-05-24	Hadir
23	244	2024-05-24	Hadir

```
4 rows in set (0.001 sec)
```

## Menampilkan isi tabel siswa

```
Administrator: XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3306 -p
```

```
MariaDB [db_nilaisiswa]> select * from siswa;
```

ID_siswa	NIS	Jenis_kelamin	Nama_siswa
241	620	P	Amanda
242	621	P	Latifa
243	622	P	Rehania
244	623	L	Marselino

```
4 rows in set (0.005 sec)
```

```
MariaDB [db_nilaisiswa]>
```

## Menampilkan isi tabel nilai

```
Administrator: XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3306 -p
```

```
MariaDB [db_nilaisiswa]> select * from nilai;
```

ID_nilai	ID_siswa	ID_guru	Mata_pelajaran	Nilai_mata_pelajaran
100	241	8900	Matematika	95
101	242	8901	Bahasa Indonesia	90
102	243	8902	Bahasa Inggris	85
103	244	8903	PPKN	80

```
4 rows in set (0.000 sec)
```

```
MariaDB [db_nilaisiswa]> _
```

## Menampilkan isi tabel kelas

```
MariaDB [db_nilaisiswa]> select * from kelas;
```

ID_kelas	ID_guru	ID_siswa	Nama_kelas
1	8900	241	A
2	8901	242	B
3	8902	243	C
4	8903	244	D

```
4 rows in set (0.001 sec)
```

## Menampilkan isi tabel mata pelajaran

```
MariaDB [db_nilaisiswa]> select * from mata_pelajaran;
```

ID_mata_pelajaran	ID_guru	Mata_pelajaran
301	8900	Matematika
312	8901	Bahasa Indonesia
323	8902	Bahasa Inggris
334	8903	PPKN

```
4 rows in set (0.001 sec)
```