

# Laporan Tugas Praktikum Sistem Basis Data

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Modul : 9

## TUGAS

Membuat user andika

```
dikawfa@Deutan12:~$ /opt/lampp/bin/mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 12
Server version: 10.1.40-MariaDB Source distribution

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

MariaDB [(none)]> use mysql;
Database changed
MariaDB [mysql]> create user 'andika'@'localhost' identified by 'andika';
Query OK, 0 rows affected (0.04 sec)

MariaDB [mysql]>
```

Beri Privilege

```
MariaDB [mysql]> GRANT INSERT, UPDATE, DELETE
-> on perbankan.nasabah
-> to 'andika'@'localhost';
Query OK, 0 rows affected (0.00 sec)

MariaDB [mysql]>
```

```
MariaDB [mysql]> GRANT SELECT
-> on perbankan.cabang_bank
-> to 'andika'@'localhost';
Query OK, 0 rows affected (0.00 sec)

MariaDB [mysql]>
```

Login sebagai andika dan menjalankan perintah

```

C> dikawfa@Deutan12 ~
└─> /opt/lampp/bin/mysql -u andika -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 13
Server version: 10.1.40-MariaDB Source distribution

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

MariaDB [(none)]> use perbankan;
Database changed
MariaDB [perbankan]> SELECT * FROM nasabah;
ERROR 1142 (42000): SELECT command denied to user 'andika'@'localhost' for table 'nasabah'
MariaDB [perbankan]> INSERT INTO nasabah VALUES('31', 'Susilo', 'Sukoharjo');
Query OK, 1 row affected (0.07 sec)

MariaDB [perbankan]> INSERT INTO cabang_bank
-> VALUES('BRAKO', 'Bank Rut Konoha', 'Jl.Konohagakure 23');
ERROR 1142 (42000): INSERT command denied to user 'andika'@'localhost' for table 'cabang_bank'
MariaDB [perbankan]> |
```

Analisis:

Sebelumnya, user andika diberi privileges untuk dapat melakukan INSERT, UPDATE, dan DELETE pada tabel nasabah. Juga SELECT pada tabel cabang\_bank.

- Saat user andika melakukan SELECT pada tabel nasabah, terjadi error karena user tidak memiliki privileges untuk SELECT pada tabel nasabah
- Saat user andika dapat melakukan INSERT pada tabel nasabah karena user diberi privileges untuk INSERT pada tabel nasabah
- Saat user andika dapat melakukan INSERT pada tabel cabang\_bank karena user tidak diberi privileges untuk INSERT pada tabel cabang\_bank