

## Latihan W8

### 1. Membuat 2 akun baru

```
MariaDB [(none)]> CREATE USER 'harvest_104'@'localhost' IDENTIFIED BY 'password';
Query OK, 0 rows affected (0.003 sec)

MariaDB [(none)]> CREATE USER 'harvest_2'@'localhost' IDENTIFIED BY 'password';
Query OK, 0 rows affected (0.002 sec)
```

### 2. Memberikan hak akses full (SELECT, INSERT, UPDATE, DELETE) terhadap user harvest\_104. Tabel database pbd\_harvest sudah ada dari penugasan sebelumnya.

```
MariaDB [(none)]> GRANT SELECT, INSERT, UPDATE, DELETE ON pbd_harvest.* TO 'harvest_104'@'localhost';
Query OK, 0 rows affected (0.003 sec)
```

### 3. Memberikan hak akses SELECT terhadap harvest\_2

```
MariaDB [(none)]> GRANT SELECT ON pbd_harvest.* TO 'harvest_2'@'localhost'
-> ;
Query OK, 0 rows affected (0.002 sec)
```

## Melakukan proses INSERT terhadap table MAHASISWA

```
user@DESKTOP-QA2NE4V c:\xampp
# mysql -u harvest_2 -p
Enter password: *****
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 63
Server version: 10.4.32-MariaDB mariadb.org binary distribution

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

MariaDB [(none)]> USE pbd_harvest;
Database changed
MariaDB [pbd_harvest]> INSERT INTO mahasiswa (NIM, NAMA, STATUS, ANGKATAN, TGL_LAHIR, PROVINSI) VALUES ('16423200', 'Agus', 'Aktif', 2023, '2005-05-05', 'JAWA');
ERROR 1142 (42000): INSERT command denied to user 'harvest_2'@'localhost' for table 'pbd_harvest`.`mahasiswa`
```

Akses untuk insert pada database ditolak, sebab sebelumnya hanya diberikan akses untuk SELECT.

### 4. Menunjukkan seluruh hak akses yang dimiliki oleh harvest\_104 dan harvest\_2

```
MariaDB [pbd_harvest]> quit;
Bye

user@DESKTOP-QA2NE4V c:\xampp
# mysql -u root
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 64
Server version: 10.4.32-MariaDB mariadb.org binary distribution

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

MariaDB [(none)]> SHOW GRANTS FOR 'harvest_104'@'localhost';
+-----+-----+
| Grants for harvest_104@localhost |
+-----+-----+
| GRANT USAGE ON *.* TO `harvest_104`@`localhost` IDENTIFIED BY PASSWORD `*2470C0C06DEE42FD1618BB99005ADCA2EC9D1E19` |
| GRANT SELECT, INSERT, UPDATE, DELETE ON `pbd_harvest`.* TO `harvest_104`@`localhost` |
+-----+-----+
2 rows in set (0.001 sec)

MariaDB [(none)]> SHOW GRANTS FOR 'harvest_2'@'localhost';
+-----+-----+
| Grants for harvest_2@localhost |
+-----+-----+
| GRANT USAGE ON *.* TO `harvest_2`@`localhost` IDENTIFIED BY PASSWORD `*2470C0C06DEE42FD1618BB99005ADCA2EC9D1E19` |
| GRANT SELECT ON `pbd_harvest`.* TO `harvest_2`@`localhost` |
+-----+-----+
2 rows in set (0.000 sec)
```