Tugas Database (Hak Akses)

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Kelas : XII – RPL A

No. 1

```
MariaDB [akademik_fadhianwar]> CREATE USER 'admin_view'@'localhost'IDENTIFIED BY 'r4hasia';
Query OK, 0 rows affected (0.007 sec)
```

No. 2

```
MariaDB [(none)]> CREATE USER 'super_admin'@'localhost'IDENTIFIED BY 'r4hasia';
Query OK, 0 rows affected (0.004 sec)

MariaDB [(none)]> GRANT SELECT ON akademik_fadhianwar.* TO 'super_admin'@'localhost';
Query OK, 0 rows affected (0.006 sec)

MariaDB [(none)]> GRANT UPDATE ON akademik_fadhianwar.* TO 'super_admin'@'localhost';
Query OK, 0 rows affected (0.005 sec)

MariaDB [(none)]> GRANT DELETE ON akademik_fadhianwar.* TO 'super_admin'@'localhost';
Query OK, 0 rows affected (0.005 sec)

MariaDB [(none)]> GRANT INSERT ON akademik_fadhianwar.* TO 'super_admin'@'localhost';
Query OK, 0 rows affected (0.006 sec)

MariaDB [(none)]> Bye

LABRPL01-@DESKTOP-K4TGU7C c:\xampp
# mysql -u super_admin pr4hasia
ERROR 1045 (28000): Access denied for user 'super_admin'@'localhost' (using password: NO)

LABRPL01-@DESKTOP-K4TGU7C c:\xampp
# mysql -u super_admin -pr4hasia
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 139
Server version: 10.4.28-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)]>
```

No. 3.1

```
MariaDB [akademik_fadhianwar]> CREATE USER 'admin_1'@'localhost'IDENTIFIED BY 'r4hasia';
Query OK, 0 rows affected (0.004 sec)
```

No. 3.2

```
MariaDB [(none)]> GRANT SELECT ON akademik_fadhianwar.* TO 'admin_1'@'localhost';
Query OK, 0 rows affected (0.005 sec)

MariaDB [(none)]> GRANT UPDATE ON akademik_fadhianwar.* TO 'super_admin'@'localhost';
Query OK, 0 rows affected (0.004 sec)

MariaDB [(none)]> GRANT DELETE ON akademik_fadhianwar.* TO 'super_admin'@'localhost';
Query OK, 0 rows affected (0.006 sec)

MariaDB [(none)]> GRANT INSERT ON akademik_fadhianwar.* TO 'super_admin'@'localhost';
Query OK, 0 rows affected (0.004 sec)
```

No. 4

```
LABRPL01-@DESKTOP-K4TGU7C c:\xampp
# mysql -u admin_view -p
Enter password: *******
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 141
Server version: 10.4.28-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)]> select * from prodi;
ERROR 1046 (3D000): No database selected
MariaDB [(none)]> use akademik_fadhianwar;
Database changed
MariaDB [akademik_fadhianwar]> select * from prodi;
+------------+------------------+------------+
| kode_prodi | nama_prodi       | jurusan    |
+------------+------------------+------------+
| P01        | Eks Ilmu Komputer | Matematika |
| P02        | Ilmu Komputer    | Matematika |
| P03        | D3 Komsi         | Matematika |
| P04        | D3 Rekmed        | Matematika |
| P05        | D3 Ellins        | Fisika     |
+------------+------------------+------------+
5 rows in set (0.000 sec)
```

Bonus

Saat Login Menggunakan (Admin_1)

User ini dapat mengeksekusi QUERY insert, update, delete dan select ke semua
TABEL

```
LABRPL01-@DESKTOP-K4TGU7C c:\xampp
# mysql -u admin_1 -p
Enter password: *******
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 143
Server version: 10.4.28-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.

MariaDB [(none)]> use akademik_fadhianwar;
Database changed
MariaDB [akademik_fadhianwar]> select * from prodi;
+------------+------------------+------------+
| kode_prodi | nama_prodi       | jurusan    |
+------------+------------------+------------+
| P01        | Eks Ilmu Komputer | Matematika |
| P02        | Ilmu Komputer    | Matematika |
| P03        | D3 Komsi         | Matematika |
| P04        | D3 Rekmed        | Matematika |
| P05        | D3 Ellins        | Fisika     |
+------------+------------------+------------+
5 rows in set (0.000 sec)

MariaDB [akademik_fadhianwar]> insert into prodi values('P06','Eks Ilmu Ekologi', 'Pertanian');
Query OK, 1 row affected (0.006 sec)

MariaDB [akademik_fadhianwar]> select * from prodi;
+------------+------------------+------------+
| kode_prodi | nama_prodi       | jurusan    |
+------------+------------------+------------+
| P01        | Eks Ilmu Komputer | Matematika |
| P02        | Ilmu Komputer    | Matematika |
| P03        | D3 Komsi         | Matematika |
| P04        | D3 Rekmed        | Matematika |
| P05        | D3 Ellins        | Fisika     |
| P06        | Eks Ilmu Ekologi | Pertanian  |
+------------+------------------+------------+
6 rows in set (0.000 sec)

MariaDB [akademik_fadhianwar]>
```

Saat Login mnggunakan (admin_view)

User ini Hanya bisa SELECT dan ketika ingin mengeksekusi QUERY INSERT, maka
akan tampil error seperti ini :

```
MariaDB [akademik_fadhianwar]> insert into prodi values('P06','Eks Ilmu Ekologi', 'Pertanian');
ERROR 1142 (42000): INSERT command denied to user 'admin_view'@'localhost' for table `akademik_fadhianwar`.`prodi`
```