



PROGAM STUDI TEKNIK INFORMATIKA – D3
FAKULTAS ILMU KOMPUTER
UNIVERSITAS DIAN NUSWANTORO

BASIS DATA LANJUT

Management User

Disusun Oleh :
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A22.2019.02730
Kelompok 3301 – D3

Latihan

Berdasarkan materi yang sudah anda kerjakan maka kemudian jawab soal-soal latihan berikut:

1. Atur user anton agar hanya dapat melihat data anggota untuk field kode_anggota, nama, dan kotanya.
2. Atur kembali user anton agar dapat mengubah nama anggota dan kota pada tabel anggota.
3. Atur user anton agar dapat membuat stored procedure.
4. Atur user anton agar dapat melihat, menambah, mengubah, serta menghapus data pada tabel buku.
5. Masuk dengan user anton, kemudian buatlah prosedur tambah_buku() untuk menambah data buku.

```
mysql> call tambah_buku('B003','Data Mining','Christianini','KMP');
Query OK, 1 row affected (0.13 sec)

mysql> select * from buku;
+-----+-----+-----+-----+
| kode_buku | judul                | pengarang    | kategori |
+-----+-----+-----+-----+
| B001      | Tips and Trick Adobe Flash | Insanul      | KMP      |
| B002      | Machine Learning      | Edward Jr    | MTK      |
| B003      | Data Mining            | Christianini  | KMP      |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

1. A22.2019.02730 - Billy Titan => grant select(kode_anggota,nama,kota) on master_database2.anggota to 'anton'@'localhost';
Query OK, 0 rows affected (0.002 sec)

```
PROMPT set to 'A22.2019.02730 - Billy Titan => '
A22.2019.02730 - Billy Titan => create user 'anton'@'localhost' identified by 'anton';
Query OK, 0 rows affected (0.006 sec)

A22.2019.02730 - Billy Titan => grant select on master_database1.* to 'anton'@'localhost';
Query OK, 0 rows affected (0.002 sec)

A22.2019.02730 - Billy Titan => grant select(kode_anggota,nama,kota) on master_database2.anggota to 'anton'@'localhost'
;
'>
'> ';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server ver
sion for the right syntax to use near '';
'' at line 1
A22.2019.02730 - Billy Titan => grant select(kode_anggota,nama,kota) on master_database2.anggota to 'anton'@'localhost
';
Query OK, 0 rows affected (0.002 sec)

A22.2019.02730 - Billy Titan => show grants for 'anton'@'localhost';
+-----+
| Grants for anton@localhost |
+-----+
| GRANT USAGE ON *.* TO 'anton'@'localhost' IDENTIFIED BY PASSWORD '*6A9AF5354DF0C1980318E3861F478CBAF9B49CFC' |
| GRANT SELECT ON `master_database1`.* TO 'anton'@'localhost' |
| GRANT SELECT (nama, kode_anggota, kota) ON `master_database2`.`anggota` TO 'anton'@'localhost' |
+-----+
3 rows in set (0.000 sec)

A22.2019.02730 - Billy Titan => Bye
Ctrl-C -- exit!

C:\xampp\mysql\bin>mysql -uanton -panton
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 105
Server version: 10.4.11-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)]> prompt A22.2019.02730 - Billy Titan =>
PROMPT set to 'A22.2019.02730 - Billy Titan => '
A22.2019.02730 - Billy Titan => use master_database2;
Database changed
A22.2019.02730 - Billy Titan => select kode_anggota,nama,kota from anggota;
+-----+
| kode_anggota | nama   | kota   |
+-----+
| A001         | Rita  | Semarang |
| A002         | Ganda | Demak   |
| A003         | Dani  | Demak   |
| A004         | Daniel | Semarang |
+-----+
4 rows in set (0.002 sec)
```

2. A22.2019.02730 - Billy Titan => grant update(nama,kota) on master_database2.anggota to 'anton'@'localhost';
Query OK, 0 rows affected (0.001 sec)

```
C:\xampp\mysql\bin>mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 112
Server version: 10.4.11-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)]> prompt A22.2019.02730 - Billy Titan =>
PROMPT set to 'A22.2019.02730 - Billy Titan => '
A22.2019.02730 - Billy Titan => grant update(nama,kota) on master_database2.anggota to
-> 'anton'@'localhost';
Query OK, 0 rows affected (0.001 sec)

A22.2019.02730 - Billy Titan => show grants for 'anton'@'localhost';
+-----+
| Grants for anton@localhost |
+-----+
| GRANT USAGE ON *.* TO 'anton'@'localhost' IDENTIFIED BY PASSWORD '**6A9AF53540F0C1980318E3861F478CBAF9849CFC' |
| GRANT SELECT ON 'master_database1'.* TO 'anton'@'localhost' |
| GRANT SELECT (nama, kode_anggota, kota), UPDATE (nama, kota) ON 'master_database2'.`anggota` TO 'anton'@'localhost' |
+-----+
3 rows in set (0.000 sec)
```

```
MariaDB [(none)]> prompt A22.2019.02730 - Billy Titan =>
PROMPT set to 'A22.2019.02730 - Billy Titan => '
A22.2019.02730 - Billy Titan => use master_database2;
Database changed
A22.2019.02730 - Billy Titan => select nama,kota from anggota;
+-----+
| nama | kota |
+-----+
| Rita | Semarang |
| Ganda | Demak |
| Dani | Demak |
| Daniel | Semarang |
+-----+
4 rows in set (0.001 sec)

A22.2019.02730 - Billy Titan => update anggota set kota='Bandung' where nama='Ganda';
Query OK, 1 row affected (0.002 sec)
Rows matched: 1 Changed: 1 Warnings: 0

A22.2019.02730 - Billy Titan => select nama,kota from anggota;
+-----+
| nama | kota |
+-----+
| Rita | Semarang |
| Ganda | Bandung |
| Dani | Demak |
| Daniel | Semarang |
+-----+
4 rows in set (0.000 sec)
```

3. A22.2019.02730 - Billy Titan => grant create routine on master_database2.* to 'anton'@'localhost';
Query OK, 0 rows affected (0.003 sec)

```
C:\xampp\mysql\bin\mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 115
Server version: 10.4.11-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)]> prompt A22.2019.02730 - Billy Titan =>
PROMPT set to 'A22.2019.02730 - Billy Titan => '
A22.2019.02730 - Billy Titan => grant create routine on master_database2.* to 'anton'@'localhost';
Query OK, 0 rows affected (0.003 sec)

A22.2019.02730 - Billy Titan => show grants for 'anton'@'localhost';
+-----+
| Grants for anton@localhost |
+-----+
| GRANT USAGE ON *.* TO 'anton'@'localhost' IDENTIFIED BY PASSWORD '*6A9AF53540F0C1900318E3B61F470CBAF9B49CFC' |
| GRANT SELECT ON 'master_database1'.* TO 'anton'@'localhost' |
| GRANT CREATE ROUTINE ON 'master_database2'.* TO 'anton'@'localhost' |
| GRANT SELECT (nama, kode_anggota, kota), UPDATE (nama, kota) ON 'master_database2'.`anggota` TO 'anton'@'localhost' |
+-----+
4 rows in set (0.000 sec)
```

4. A22.2019.02730 - Billy Titan => grant create,update,drop on master_database2.buku to 'anton'@'localhost';
Query OK, 0 rows affected (0.001 sec)

```
A22.2019.02730 - Billy Titan => grant create,update,drop on master_database2.buku to 'anton'@'localhost';
Query OK, 0 rows affected (0.001 sec)

A22.2019.02730 - Billy Titan => show grants for 'anton'@'localhost';
+-----+
| Grants for anton@localhost |
+-----+
| GRANT USAGE ON *.* TO 'anton'@'localhost' IDENTIFIED BY PASSWORD '*6A9AF53540F0C1900318E3B61F470CBAF9B49CFC' |
| GRANT SELECT ON 'master_database1'.* TO 'anton'@'localhost' |
| GRANT CREATE ROUTINE ON 'master_database2'.* TO 'anton'@'localhost' |
| GRANT UPDATE, CREATE, DROP ON 'master_database2'.`buku` TO 'anton'@'localhost' |
| GRANT SELECT (nama, kode_anggota, kota), UPDATE (nama, kota) ON 'master_database2'.`anggota` TO 'anton'@'localhost' |
+-----+
5 rows in set (0.000 sec)
```

5. A22.2019.02730 - Billy Titan -> delimiter //
- A22.2019.02730 - Billy Titan -> create procedure tambah_buku(in kode_buku1 char(6),judul1 char(80),pengarang1 char(40),kategori1 char(20))
- > begin
 - > insert into buku (kode_buku,judul,pengarang,kategori) VALUES (kode_buku1,judul1,pengarang1,kategori1);
 - > end; //
- Query OK, 0 rows affected (0.003 sec)
- A22.2019.02730 - Billy Titan -> delimiter ;
- A22.2019.02730 - Billy Titan -> call tambah_buku('B003','Data Mining','Christianini','KMP');
- Query OK, 1 row affected (0.002 sec)

```
PR00P1 set to 'A22.2019.02730 - Billy Titan -> '
A22.2019.02730 - Billy Titan -> use master_database2;
Database changed
A22.2019.02730 - Billy Titan -> delimiter ;
A22.2019.02730 - Billy Titan -> call tambah_buku('B003','Data Mining','Christianini','KMP');
Query OK, 1 row affected (0.002 sec)

A22.2019.02730 - Billy Titan -> delimiter //
A22.2019.02730 - Billy Titan -> create procedure tambah_buku(in kode_buku1 char(6),judul1 char(80),pengarang1 char(40),kategori1 char(20))
-> begin
-> insert into buku (kode_buku,judul,pengarang,kategori) VALUES (kode_buku1,judul1,pengarang1,kategori1);
-> end; //
Query OK, 0 rows affected (0.003 sec)

A22.2019.02730 - Billy Titan -> delimiter ;
A22.2019.02730 - Billy Titan -> call tambah_buku('B003','Data Mining','Christianini','KMP');
Query OK, 1 row affected (0.002 sec)

A22.2019.02730 - Billy Titan -> select * from buku;
```

kode_buku	judul	pengarang	kategori
B001	Tips & Trick Adobe Flash	Insanul	KMP
B002	Machine Learning	Edward Jr	MTK
B003	Data Mining	Christianini	KMP

3 rows in set (0.001 sec)

Lampiran

