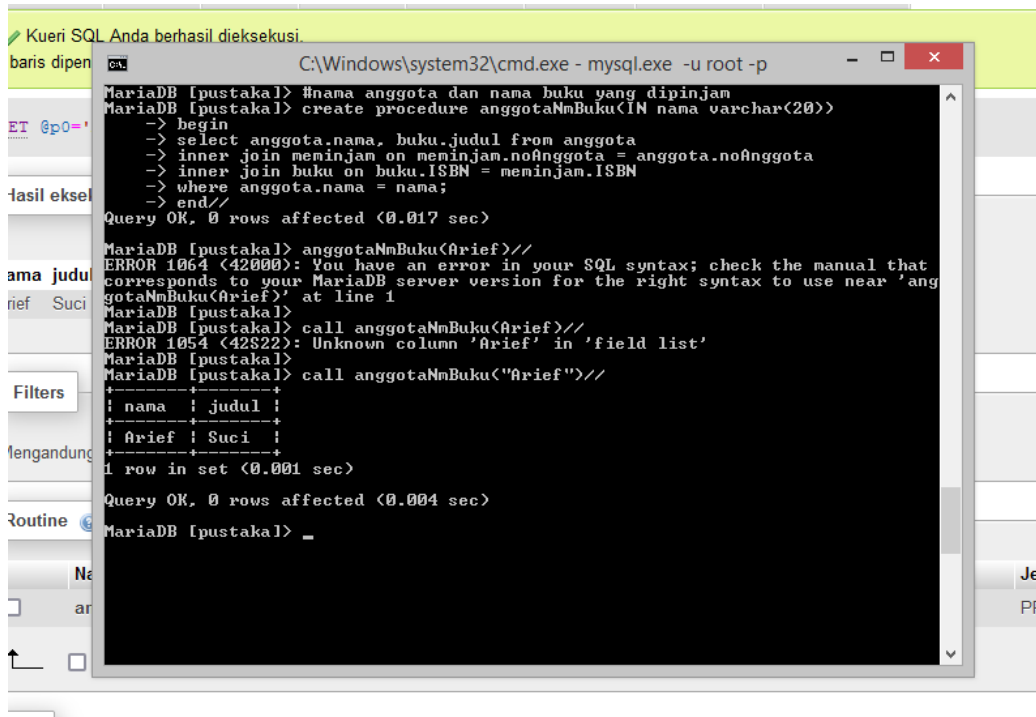


Nama : Muhammad Rafly Al Ajid

Tugas 3: Procedure

NPM : 2019110022

1. Procedure 1. Menampilkan data anggota dan nama buku yang dipinjam



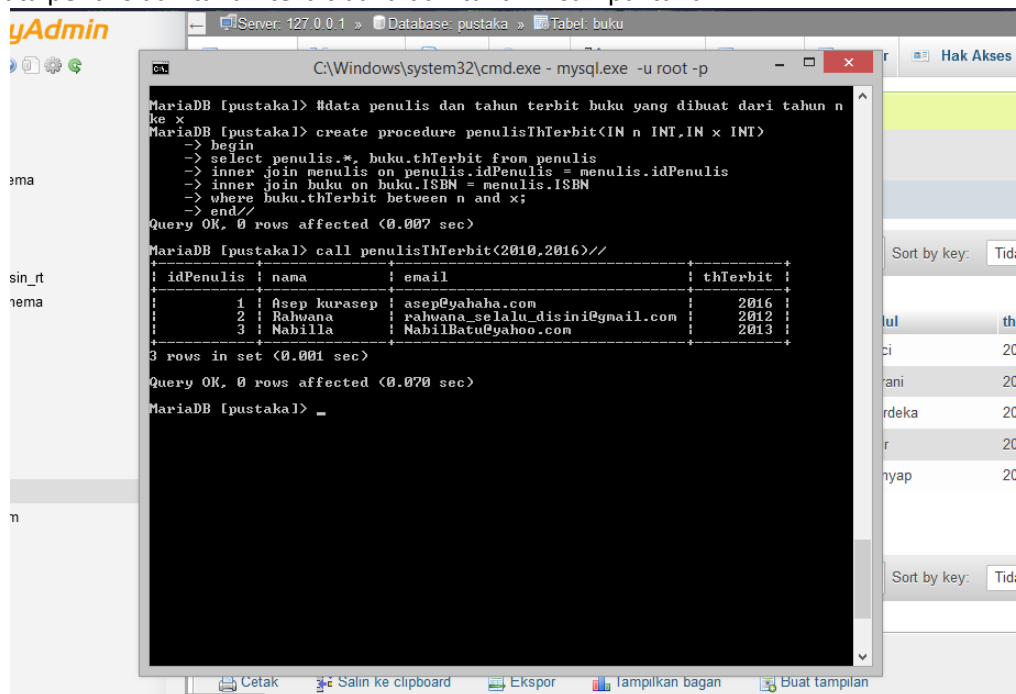
```
Kueri SQL Anda berhasil dieksekusi.
baris dipen...
C:\Windows\system32\cmd.exe - mysql.exe -u root -p

MariaDB [pustakal] > #nama anggota dan nama buku yang dipinjam
MariaDB [pustakal] > create procedure anggotaNmBuku(IN nama varchar(20))
-> begin
-> select anggota.nama, buku.judul from anggota
-> inner join meminjam on meminjam.noAnggota = anggota.noAnggota
-> inner join buku on buku.ISBN = meminjam.ISBN
-> where anggota.nama = nama;
-> end//
Query OK, 0 rows affected (0.017 sec)

MariaDB [pustakal] > anggotaNmBuku(Arief)//
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that
corresponds to your MariaDB server version for the right syntax to use near 'ang
gotaNmBuku(Arief)' at line 1
MariaDB [pustakal] > call anggotaNmBuku(Arief)//
ERROR 1054 (42S22): Unknown column 'Arief' in 'field list'
MariaDB [pustakal] > call anggotaNmBuku("Arief")//
+-----+-----+
| nama | judul |
+-----+-----+
| Arief | Suci  |
+-----+-----+
1 row in set (0.001 sec)

Query OK, 0 rows affected (0.004 sec)
MariaDB [pustakal] > _
```

2. Data penulis dan tahun terbit buku dari tahun n sampai tahun x



```
yAdmin
Server: 127.0.0.1 > Database: pustaka > Tabel: buku
C:\Windows\system32\cmd.exe - mysql.exe -u root -p

MariaDB [pustakal] > #data penulis dan tahun terbit buku yang dibuat dari tahun n
ke x
MariaDB [pustakal] > create procedure penulisThTerbit(IN n INT, IN x INT)
-> begin
-> select penulis.*, buku.thTerbit from penulis
-> inner join menulis on menulis.idPenulis = menulis.idPenulis
-> inner join buku on buku.ISBN = menulis.ISBN
-> where buku.thTerbit between n and x;
-> end//
Query OK, 0 rows affected (0.007 sec)

MariaDB [pustakal] > call penulisThTerbit(2010, 2016)//
+-----+-----+-----+-----+
| idPenulis | nama          | email                      | thTerbit |
+-----+-----+-----+-----+
| 1         | Asep kurasep  | asepfyahaha.com           | 2016     |
| 2         | Rahwana      | rahwana_selalu_disini@gmail.com | 2012     |
| 3         | Nabilla      | NabilBatu@yahoo.com       | 2013     |
+-----+-----+-----+-----+
3 rows in set (0.001 sec)

Query OK, 0 rows affected (0.070 sec)
MariaDB [pustakal] > _
```

3. Data penulis dan jumlah buku yang dipinjam oleh orang

The screenshot shows a web browser with the MyAdmin interface on the left and a terminal window on the right. The terminal window is running MySQL commands to create a procedure and execute a query.

MySQL Commands:

```
MariaDB [pustaka]>
MariaDB [pustaka]>
MariaDB [pustaka]>
MariaDB [pustaka]>
MariaDB [pustaka]>
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MariaDB [pustaka]>
MariaDB [pustaka]>
MariaDB [pustaka]>
MariaDB [pustaka]> create procedure penulisJumPinjam(IN namaPenulis VARCHAR(20))
-> begin
-> select penulis.*, count(*) as jum from penulis
-> inner join meminjam on meminjam.idPenulis = penulis.idPenulis
-> inner join buku on buku.ISBN = meminjam.ISBN
-> inner join meminjam on meminjam.ISBN = buku.ISBN
-> where penulis.nama = namaPenulis
-> group by buku.ISBN;
-> end//
Query OK, 0 rows affected (0.011 sec)
MariaDB [pustaka]> call penulisJumPinjam(Rahwana)
-> //
ERROR 1054 (42S22): Unknown column 'Rahwana' in 'field list'
MariaDB [pustaka]> call penulisJumPinjam("Rahwana")
-> //
```

Query Results:

idPenulis	nama	email	jum
2	Rahwana	rahwana_selalu_disini@gmail.com	2

The terminal window also shows the output of the query, which is a single row in a set. The output is displayed in a table format with columns: idPenulis, nama, email, and jum. The data row shows idPenulis 2, nama Rahwana, email rahwana_selalu_disini@gmail.com, and jum 2.