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Kelas : Informatika / A2
Mata Kuliah : Database Manajemen Sistem Lanjut
Semester : 5 (Ganjil)
Tugas : Minggu 9 MySQL Transaction Query

Screenshot setiap tahapan dan hasilnya

1. Pembuatan Tabel trans_demo
A. Query

```
Run SQL query/queries on database db_sp_00_isep_lutpi_nur: ?
```

```
1 create table trans_demo (  
2     nama VARCHAR(10) NOT NULL,  
3     PRIMARY KEY (nama)  
4 ) ENGINE = INNODB
```

2. Implementasi Transaksi
A. COMMIT

```
Run SQL query/queries on table db_sp_00_isep_lutpi_nur.trans_demo: ?
```

```
1 DELIMITER $$  
2 CREATE PROCEDURE trans1()  
3 BEGIN  
4     START TRANSACTION;  
5     INSERT INTO trans_demo VALUES("MySQL"),("Oracle");  
6     SELECT * FROM trans_demo;  
7 END$$  
8 DELIMITER ;  
9
```

- B. Panggil stored procedure dengan perintah CALL

```
Run SQL query/queries on table db_sp_00_isep_lutpi_nur.trans_demo: ?
```

```
1 CALL trans1;
```

Showing rows 0 - 1 (2 total, Query took 0.0170 seconds.)

```
CALL trans1;
```

[Edit inline] [Edit] [Create PHP code]

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options
nama
MySQL
Oracle

C. Periksa data pada tabel trans_demo.

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0015 seconds.)

```
SELECT * FROM `trans_demo`;
```

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

nama

Ditambah commit

Edit

Details

Routine name

trans1

Type

PROCEDURE

Parameters

Direction	Name	Type	Length/Values	Options
-----------	------	------	---------------	---------

Add parameter

Definition

```
1 BEGIN
2   START TRANSACTION;
3   INSERT INTO trans_demo VALUES("MySQL"),
4   ("Oracle");
5   SELECT * FROM trans_demo;
6   COMMIT;
7 END
```

Is deterministic

☐

Adjust privileges

Go

Close

3. Rollback Transaksi

```
1 BEGIN
2   START TRANSACTION;
3   INSERT INTO trans_demo VALUES("PostgreSQL");
4   ROLLBACK;
5   SELECT * FROM trans_demo;
6 END
```

4. Checkpoint

trans1

Details

Routine name

trans1

Type

PROCEDURE

Parameters

Direction

Name

Type

Length/Values

Options

Add parameter

Definition

```
1 BEGIN
2   START TRANSACTION;
3   INSERT INTO trans_demo VALUES("PostgreSQL");
4   SAVEPOINT point1;
5
6   INSERT INTO trans_demo VALUES("NoSQL");
7   ROLLBACK TO SAVEPOINT point1;
8
9   INSERT INTO trans_demo VALUES("FireBird");
10  COMMIT;
11
12  SELECT * FROM trans_demo;
13 END
```

Is deterministic

☐

Adjust privileges

☒

Go

Close

nama

FireBird

MySQL

Oracle

PostgreSQL