

JOBSHEET 16

Statement IF dan CASE di Stored Procedure Suatu Tabel Pada MySQL

Praktek 1

```
MariaDB [transaksi2]> DELIMITER $
MariaDB [transaksi2]> CREATE DEFINER = 'root'@'localhost' PROCEDURE `harga_netto2` (
  -> IN `id` INT,
  -> OUT `harga_awal` INT,
  -> OUT `harga_netto` INT,
  -> OUT `diskon` DECIMAL (10,2)
  -> )
  -> BEGIN
  -> DECLARE kategori INT;
  -> DECLARE nilai_diskon FLOAT;
  -> SET kategori = (SELECT id_kategori
  -> FROM buku
  -> WHERE id_buku = id );
  -> IF kategori = 1
  -> THEN SET nilai_diskon = 0.2;
  -> ELSEIF kategori = 2
  -> THEN SET nilai_diskon = 0.15;
  -> ELSEIF kategori = 3
  -> THEN SET nilai_diskon = 0.1;
  -> ELSE SET nilai_diskon = 0.08;
  -> END IF;
  -> SET diskon = nilai_diskon;
  -> SELECT harga, harga - (harga * diskon)
  -> INTO harga_awal, harga_netto
  -> FROM buku
  -> WHERE id_buku = id;
  -> END $
Query OK, 0 rows affected (0.022 sec)

MariaDB [transaksi2]> SyahrurF
```

Hasil Tampilan

```
MariaDB [transaksi2]> CALL harga_netto2 (8, @harga_awal, @harga_netto, @diskon);
Query OK, 1 row affected (0.002 sec)

MariaDB [transaksi2]> SELECT @harga_awal, @harga_netto, @diskon;
+-----+-----+-----+
| @harga_awal | @harga_netto | @diskon |
+-----+-----+-----+
|          39800 |          31840 |       0.20 |
+-----+-----+-----+
1 row in set (0.000 sec)

MariaDB [transaksi2]> SyahrurF
```

Praktek 2

```
MariaDB [transaksi2]> CREATE PROCEDURE harga_netto2 (  
  -> IN id INT,  
  -> OUT harga_awal INT,  
  -> OUT harga_netto INT,  
  -> OUT diskon DECIMAL (10,2)  
  -> )  
  -> BEGIN  
  -> DECLARE kategori INT;  
  -> DECLARE nilai_diskon FLOAT;  
  -> SET kategori = (SELECT id_kategori  
  -> FROM buku  
  -> WHERE id_buku = id );  
  -> CASE kategori  
  -> WHEN 1 THEN SET nilai_diskon = 0.2;  
  -> WHEN 2 THEN SET nilai_diskon = 0.15;  
  -> WHEN 3 THEN SET nilai_diskon = 0.1;  
  -> ELSE SET nilai_diskon = 0.08;  
  -> END CASE;  
  -> SET diskon = nilai_diskon;  
  -> SELECT harga, harga - (harga * diskon)  
  -> INTO harga_awal, harga_netto  
  -> FROM buku  
  -> WHERE id_buku = id;  
  -> END $
```

Query OK, 0 rows affected (0.023 sec)

```
MariaDB [transaksi2]> SyahrurF
```

Hasil Tampilan

```
MariaDB [transaksi2]> CALL harga_netto2 (3, @harga_awal, @harga_netto, @diskon);  
Query OK, 1 row affected (0.002 sec)
```

```
MariaDB [transaksi2]> SELECT @harga_awal, @harga_netto, @diskon;
```

@harga_awal	@harga_netto	@diskon
34800	27840	0.20

1 row in set (0.001 sec)

```
MariaDB [transaksi2]> SyahrurF
```