

JOB SHEET 8

Menggunakan Query WITH ROLLUP Untuk Membuat Baris Total dan Subtotal Suatu Tabel Pada MySQL

HASIL PRAKTEK (NO 1)

Query SQL

```
MariaDB [transaksi]> select id_transaksi, id_pelanggan, tgl_transaksi, SUM(total_trx)
-> FROM penjualan
-> GROUP BY id_transaksi
-> WITH ROLLUP; SyahruRF
```

Hasil Tampilan Query

id_transaksi	id_pelanggan	tgl_transaksi	SUM(total_trx)
1	2	2022-10-31	330000
2	4	2022-09-26	810000
3	3	2022-03-08	1200000
4	1	2022-12-29	130000
5	2	2022-06-11	530000
6	1	2019-08-31	450000
7	3	2019-10-31	170000
8	2	2019-12-17	1250000
9	5	2018-04-14	780000
10	2	2018-01-05	1760000
11	1	2018-03-10	825000
12	3	2018-05-14	375000
13	4	2018-01-05	120000
14	4	2019-09-17	150000
15	5	2019-10-31	1140000
NULL	5	2019-10-31	10020000

16 rows in set (0.000 sec)

```
MariaDB [transaksi]> SyahruRF
```

HASIL PRAKTEK (NO 2)

Query SQL

```
MariaDB [transaksi]> select month(tgl_transaksi) AS bln_transaksi,
-> id_pelanggan,
-> nama,
-> COUNT(id_transaksi) AS jml_trx,
-> SUM(total_trx) AS nilai_trx
-> FROM penjualan
-> INNER JOIN pelanggan USING (id_pelanggan)
-> GROUP BY bln_transaksi, id_pelanggan
-> WITH ROLLUP; SyahruRF
```

Hasil Tampilan Query

bln_transaksi	id_pelanggan	nama	jml_trx	nilai_trx
1	2	Beta	1	1760000
1	4	Delta	1	120000
1	NULL	Delta	2	1880000
3	1	Alfa	1	825000
3	3	Charlie	1	1200000
3	NULL	Charlie	2	2025000
4	5	Echo	1	780000
4	NULL	Echo	1	780000
5	3	Charlie	1	375000
5	NULL	Charlie	1	375000
6	2	Beta	1	530000
6	NULL	Beta	1	530000
8	1	Alfa	1	450000
8	NULL	Alfa	1	450000
9	4	Delta	2	960000
9	NULL	Delta	2	960000
10	2	Beta	1	330000
10	3	Charlie	1	170000
10	5	Echo	1	1140000
10	NULL	Echo	3	1640000
12	1	Alfa	1	130000
12	2	Beta	1	1250000
12	NULL	Beta	2	1380000
NULL	NULL	Beta	15	10020000

24 rows in set (0.001 sec)

MariaDB [transaksi]> SyahruRF

HASIL PRAKTEK (NO 3)

Query SQL

```
MariaDB [pinjam]> select id_penerbit,
-> COUNT(judul) AS jumlah_buku
-> FROM buku
-> GROUP BY id_penerbit
-> HAVING jumlah_buku < 3; SyahruRF
```

Hasil Tampilan Query

```
+-----+-----+
| id_penerbit | jumlah_buku |
+-----+-----+
|          1 |          2 |
|          3 |          2 |
|          4 |          1 |
+-----+-----+
3 rows in set (0.000 sec)

MariaDB [pinjam]> SyahruRF
```