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Kelas : Praktikum Sistem Basis Data H

MODUL 8

AGGREGASI

Latihan

Nomer 5

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Command Prompt - mysql -u root -p
MariaDB [perbankan]> SELECT transaksi.tanggal, transaksi.jenis_transaksi, transaksi.jumlah from nasabah, transaksi WHERE
nasabah.id_nasabah=transaksi.id_nasabahFK AND nasabah.nama_nasabah IN('Sutopo','Canka Lokananta') ORDER BY transaksi.ta
nggal;
+-----+-----+-----+
| tanggal          | jenis_transaksi | jumlah |
+-----+-----+-----+
| 2020-04-21 15:46:24 | DEBIT           | 50000  |
| 2020-04-21 15:46:24 | KREDIT          | 100000 |
| 2020-04-21 15:46:24 | KREDIT          | 200000 |
| 2020-04-21 15:46:24 | KREDIT          | 150000 |
| 2020-04-21 15:46:24 | DEBIT           | 50000  |
| 2020-04-21 17:16:21 | KREDIT          | 500000 |
+-----+-----+-----+
6 rows in set (0.00 sec)
```

Nomer 6

```
Command Prompt - mysql -u root -p
MariaDB [perbankan]> SELECT transaksi.tanggal, nasabah.nama_nasabah, transaksi.jenis_transaksi, transaksi.jumlah FROM na
sabah, transaksi WHERE transaksi.tanggal BETWEEN '2020-04-21' AND '2020-04-22' AND nasabah.id_nasabah = transaksi.id_nas
abahFK ORDER BY transaksi.tanggal, nasabah.nama_nasabah;
+-----+-----+-----+-----+
| tanggal          | nama_nasabah    | jenis_transaksi | jumlah |
+-----+-----+-----+-----+
| 2020-04-21 15:46:24 | Budi Eko Prayogo | DEBIT           | 20000  |
| 2020-04-21 15:46:24 | Budi Eko Prayogo | DEBIT           | 20000  |
| 2020-04-21 15:46:24 | Budi Eko Prayogo | KREDIT          | 30000  |
| 2020-04-21 15:46:24 | Budi Eko Prayogo | DEBIT           | 50000  |
| 2020-04-21 15:46:24 | Budi Eko Prayogo | KREDIT          | 200000 |
| 2020-04-21 15:46:24 | Budi Murtono     | DEBIT           | 100000 |
| 2020-04-21 15:46:24 | Canka Lokananta  | KREDIT          | 150000 |
| 2020-04-21 15:46:24 | Kartika Padmasari | KREDIT          | 20000  |
| 2020-04-21 15:46:24 | Kartika Padmasari | KREDIT          | 20000  |
| 2020-04-21 15:46:24 | Kartika Padmasari | KREDIT          | 200000 |
| 2020-04-21 15:46:24 | Kartika Padmasari | DEBIT           | 100000 |
| 2020-04-21 15:46:24 | Kartika Padmasari | DEBIT           | 50000  |
| 2020-04-21 15:46:24 | MARYATI          | DEBIT           | 50000  |
| 2020-04-21 15:46:24 | MARYATI          | DEBIT           | 100000 |
| 2020-04-21 15:46:24 | MARYATI          | KREDIT          | 100000 |
| 2020-04-21 15:46:24 | MARYATI          | KREDIT          | 200000 |
| 2020-04-21 15:46:24 | MARYATI          | DEBIT           | 40000  |
| 2020-04-21 15:46:24 | MARYATI          | DEBIT           | 40000  |
| 2020-04-21 15:46:24 | SUPARMAN         | KREDIT          | 100000 |
| 2020-04-21 15:46:24 | SUPARMAN         | DEBIT           | 50000  |
| 2020-04-21 15:46:24 | SUPARMAN         | KREDIT          | 50000  |
| 2020-04-21 15:46:24 | SUPARMAN         | DEBIT           | 50000  |
| 2020-04-21 15:46:24 | SUPARMAN         | DEBIT           | 40000  |
| 2020-04-21 15:46:24 | SUPARMAN         | KREDIT          | 50000  |
```

Command Prompt - mysql -u root -p

2020-04-21 15:46:24	SUPARWAN	KREDIT	100000
2020-04-21 15:46:24	SUPARWAN	DEBIT	50000
2020-04-21 15:46:24	SUPARWAN	KREDIT	50000
2020-04-21 15:46:24	SUPARWAN	DEBIT	50000
2020-04-21 15:46:24	SUPARWAN	DEBIT	40000
2020-04-21 15:46:24	SUPARWAN	KREDIT	50000
2020-04-21 15:46:24	SUTOPO	KREDIT	200000
2020-04-21 15:46:24	SUTOPO	DEBIT	50000
2020-04-21 15:46:24	SUTOPO	KREDIT	100000
2020-04-21 15:46:24	SUTOPO	DEBIT	50000
2020-04-21 17:16:21	Budi Murtono	DEBIT	100000
2020-04-21 17:16:21	Kartika Padmasari	KREDIT	150000
2020-04-21 17:16:21	Leonard	DEBIT	500000
2020-04-21 17:16:21	Leonard	DEBIT	1000000
2020-04-21 17:16:21	Mario Susanto	DEBIT	50000
2020-04-21 17:16:21	MARYATI	DEBIT	100000
2020-04-21 17:16:21	Nizar Armando	KREDIT	1000000
2020-04-21 17:16:21	Nizar Armando	DEBIT	4500000
2020-04-21 17:16:21	Rifan Anwar	KREDIT	1500000
2020-04-21 17:16:21	Roban Alinan	DEBIT	200000
2020-04-21 17:16:21	Ronald Weho	DEBIT	100000
2020-04-21 17:16:21	Sari Murti	DEBIT	500000
2020-04-21 17:16:21	Satria Eka Jaya	DEBIT	400000
2020-04-21 17:16:21	Sonnia Amalia	DEBIT	500000
2020-04-21 17:16:21	SUPARWAN	DEBIT	2000000
2020-04-21 17:16:21	SUPARWAN	KREDIT	990000
2020-04-21 17:16:21	SUTOPO	KREDIT	500000

45 rows in set (0.04 sec)

Nomer 7

Command Prompt - mysql -u root -p

MariaDB [perbankan]> SELECT transaksi.jenis_transaksi AS "Jenis Transaksi", SUM(jumlah) AS "Jumlah(Rp)" FROM transaksi GROUP BY transaksi.jenis_transaksi ORDER BY transaksi.jenis_transaksi;

Jenis Transaksi	Jumlah(Rp)
DEBIT	16080000
KREDIT	5560000

2 rows in set (0.00 sec)

Nomer 8

Command Prompt - mysql -u root -p

MariaDB [perbankan]> SELECT jenis_transaksi AS "Jenis Transaksi", MAX(jumlah) AS "Transaksi Terbesar", MIN(jumlah) AS "Transaksi Terkecil" FROM transaksi GROUP BY transaksi.jenis_transaksi ORDER BY transaksi.jenis_transaksi;

Jenis Transaksi	Transaksi Terbesar	Transaksi Terkecil
DEBIT	5000000	20000
KREDIT	1500000	20000

2 rows in set (0.00 sec)

Nomer 9

Command Prompt - mysql -u root -p

MariaDB [perbankan]> SELECT jenis_transaksi AS "Jenis Transaksi", SUM(jumlah) AS "Jumlah(Rp)", COUNT(jumlah) AS "Jumlah Transaksi" FROM transaksi WHERE tanggal BETWEEN '2020-04-1' AND '2020-04-30' GROUP BY transaksi.jenis_transaksi ORDER BY transaksi.jenis_transaksi;

Jenis Transaksi	Jumlah(Rp)	Jumlah Transaksi
DEBIT	16080000	31
KREDIT	5560000	18

2 rows in set (0.00 sec)

MariaDB [perbankan]>