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Shift Awal/Aakhir : B/H

- 1. Berdasarkan tabel yang telah dibuat pada praktikum sebelumnya untuk skema orderentry tampilkan data data berikut ini :**

A. Tampilkan data customer secara terurut dari a sampai z

```
MariaDB [orderentry]> select * from customers order by cust_name asc;
+-----+-----+-----+-----+-----+-----+-----+
| cust_id | cust_name | cust_adress | cust_city | cust_state | cust_zip | cust_country | cust_contact | cust_email |
+-----+-----+-----+-----+-----+-----+-----+
| 10005 | e fudd | 4545 53rd street | chicago | IL | 54545 | USA | E Fuad | NULL |
| 10002 | Mouse House | 333 fromage lane | columbus | OH | 43333 | USA | jerry mouse | NULL |
| 10003 | wascals | 1 sunny place | muncie | in | 42222 | USA | jim jones | rabith@wascally.com |
| 10004 | yosemite place | 829 riverside | phoenix | AZ | 88888 | USA | Y Sam | sam@yosesite.com |
+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.000 sec)

MariaDB [orderentry]> select * from customers order by cust_name asc;
+-----+-----+-----+-----+-----+-----+-----+
| cust_id | cust_name | cust_adress | cust_city | cust_state | cust_zip | cust_country | cust_contact | cust_email |
+-----+-----+-----+-----+-----+-----+-----+
| 10005 | e fudd | 4545 53rd street | chicago | IL | 54545 | USA | E Fuad | NULL |
| 10002 | Mouse House | 333 fromage lane | columbus | OH | 43333 | USA | jerry mouse | NULL |
| 10003 | wascals | 1 sunny place | muncie | in | 42222 | USA | jim jones | rabith@wascally.com |
| 10004 | yosemite place | 829 riverside | phoenix | AZ | 88888 | USA | Y Sam | sam@yosesite.com |
+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.000 sec)

MariaDB [orderentry]>
```

B. Tampilkan data vendor dan total vendors serta urutkan dari z ke a

```
MariaDB [orderentry]> select * from vendors order by vend_name desc;
+-----+-----+-----+-----+-----+-----+
| vend_id | vend_name | vend_adress | vend_city | vend_state | vend_zip | vend_country |
+-----+-----+-----+-----+-----+-----+
| 1002 | LT Supplies | 500 Park Street | Anytown | OH | 44333 | USA |
| 1006 | Jouets Et Ours | 1 Rue Amusement | Paris | NULL | 45678 | France |
| 1005 | Jet Set | 42 Galaxy Road | London | NULL | N16 6PS | England |
| 1004 | Furball Inc. | 111 Main Street | New York | NY | 11115 | USA |
| 1001 | Anvils R Us | 123 Main Street | Southfield | MI | 48075 | USA |
| 1003 | ACME | 555 High Street | Los Angeles | CA | 90046 | USA |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.000 sec)

MariaDB [orderentry]> select * from vendors order by vend_name desc;
+-----+-----+-----+-----+-----+-----+
| vend_id | vend_name | vend_adress | vend_city | vend_state | vend_zip | vend_country |
+-----+-----+-----+-----+-----+-----+
| 1002 | LT Supplies | 500 Park Street | Anytown | OH | 44333 | USA |
| 1006 | Jouets Et Ours | 1 Rue Amusement | Paris | NULL | 45678 | France |
| 1005 | Jet Set | 42 Galaxy Road | London | NULL | N16 6PS | England |
| 1004 | Furball Inc. | 111 Main Street | New York | NY | 11115 | USA |
| 1001 | Anvils R Us | 123 Main Street | Southfield | MI | 48075 | USA |
| 1003 | ACME | 555 High Street | Los Angeles | CA | 90046 | USA |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.000 sec)
```

total vendors :

```
MariaDB [orderentry]> select count(vend_id) As Total from vendors;
+-----+
| Total |
+-----+
|   6 |
+-----+
1 row in set (0.001 sec)

MariaDB [orderentry]> select count(vend_id) As Total from vendors;
+-----+
| Total |
+-----+
|   6 |
+-----+
1 row in set (0.001 sec)
```

C. Tampilkan data detail penjualan dari order item berdasarkan dari jumlah penjualan terbanyak

```
MariaDB [orderentry]> select * from orderitems order by quantitiy desc;
+-----+-----+-----+
| order_num | order_item | prod_item | quantitiy |
+-----+-----+-----+
| 20008 |    1 |    0 |  100 |
| 20009 |    1 |    0 |   50 |
| 20005 |    1 |    0 |   10 |
| 20005 |    3 |    0 |    5 |
| 20005 |    2 |    0 |    3 |
| 20006 |    1 |    0 |    1 |
| 20007 |    1 |    0 |    1 |
| 20009 |    2 |    0 |    1 |
| 20009 |    3 |    0 |    1 |
| 20009 |    4 |    0 |    1 |
| 20009 |    5 |    0 |    1 |
+-----+-----+-----+
11 rows in set (0.000 sec)

MariaDB [orderentry]> select * from orderitems order by quantitiy desc;
+-----+-----+-----+-----+
| order_num | order_item | prod_item | quantitiy |
+-----+-----+-----+-----+
| 20008 |        1 |        0 |      100 |
| 20009 |        1 |        0 |       50 |
| 20005 |        1 |        0 |       10 |
| 20005 |        3 |        0 |        5 |
| 20005 |        2 |        0 |        3 |
| 20006 |        1 |        0 |        1 |
| 20007 |        1 |        0 |        1 |
| 20009 |        2 |        0 |        1 |
| 20009 |        3 |        0 |        1 |
| 20009 |        4 |        0 |        1 |
| 20009 |        5 |        0 |        1 |
+-----+-----+-----+-----+
11 rows in set (0.000 sec)
```

D. Carilah banyaknya, total, rata-rata, jumlah minimal, jumlah maksimal dari quantity penjualan. Data berasal dari tabel orderitems

```
MariaDB [orderentry]> select count(quantitiy) as Banyaknya,sum(quantitiy) as Total, avg(quantitiy) as rata_rata, min(quantitiy) as jum_minimal, max(quantity) as jum_maximal from orderitems;
+-----+-----+-----+-----+
| Banyaknya | Total | rata_rata | jum_minimal | jum_maximal |
+-----+-----+-----+-----+
|    11 |  174 |  15.8182 |      1 |     100 |
+-----+-----+-----+-----+
1 row in set (0.000 sec)

MariaDB [orderentry]>
MariaDB [orderentry]> select count(quantitiy) as Banyaknya,sum(quantitiy) as Total, avg(quantitiy) as rata_rata, min(quantitiy) as jum_minimal, max(quantitiy) as jum_maximal from orderitems;
+-----+-----+-----+-----+
| Banyaknya | Total | rata_rata | jum_minimal | jum_maximal |
+-----+-----+-----+-----+
|    11 |  174 |  15.8182 |      1 |     100 |
+-----+-----+-----+-----+
1 row in set (0.000 sec)

MariaDB [orderentry]> |
```

E. Tampilkan nomer order yang memiliki total quantity antara 5-10

```
MariaDB [orderentry]> select order_num from orderitems where quantitiy between '5' and '10';
+-----+
| order_num |
+-----+
| 20005 |
| 20005 |
+-----+
2 rows in set (0.004 sec)

MariaDB [orderentry]> select order_num from orderitems where quantitiy between '5' and '10';
+-----+
| order_num |
+-----+
| 20005 |
| 20005 |
+-----+
2 rows in set (0.004 sec)
```

F. Tampilkan data vendor id yang berasal dari "USA"

```
MariaDB [orderentry]> select vend_id from vendors where vend_country in ('USA');
+-----+
| vend_id |
+-----+
| 1001   |
| 1002   |
| 1003   |
| 1004   |
+-----+
4 rows in set (0.005 sec)

MariaDB [orderentry]> select vend_id from vendors where vend_country in ('USA');
+-----+
| vend_id |
+-----+
| 1001   |
| 1002   |
| 1003   |
| 1004   |
+-----+
4 rows in set (0.005 sec)
```

G. Tampilkan Nama Produk dan Nama Vendor yang mengandung huruf P

Nama Produk :

```
MariaDB [orderentry]> select prod_name from products where prod_name like '%p%';
+-----+
| prod_name  |
+-----+
| JetPack 1000 |
| JetPack 2000 |
+-----+
2 rows in set (0.000 sec)

MariaDB [orderentry]> select prod_name from products where prod_name like '%p%';
+-----+
| prod_name  |
+-----+
| JetPack 1000 |
| JetPack 2000 |
+-----+
2 rows in set (0.000 sec)
```

Nama Vendor :

```
MariaDB [orderentry]> select vend_name from vendors where vend_name like '%p%';
+-----+
| vend_name  |
+-----+
| LT Supplies |
+-----+
1 row in set (0.000 sec)

MariaDB [orderentry]> select vend_name from vendors where vend_name like '%p%';
+-----+
| vend_name  |
+-----+
| LT Supplies |
+-----+
1 row in set (0.000 sec)
```

H. Tampilkan data prod_name sebagai nama produk dan harganya.

```
MariaDB [orderentry]> select prod_name as 'nama produk', prod_price as 'harga' from products;
+-----+-----+
| nama produk | harga |
+-----+-----+
| 0.5 ton anvil | 5 |
| 1 ton anvil | 10 |
| 2 ton anvil | 20 |
| Detonator | 13 |
| Bird seed | 10 |
| Carrots | 3 |
| Fuses | 3 |
| JetPack 1000 | 35 |
| JetPack 2000 | 55 |
| Oil can | 9 |
| Safe | 50 |
| Sling | 4 |
| TNT (1 stick) | 3 |
| TNT (5 sticks) | 10 |
+-----+-----+
14 rows in set (0.000 sec)

MariaDB [orderentry]> select prod_name as 'nama produk', prod_price as 'harga' from products;
+-----+-----+
| nama produk | harga |
+-----+-----+
| 0.5 ton anvil | 5 |
| 1 ton anvil | 10 |
| 2 ton anvil | 20 |
| Detonator | 13 |
| Bird seed | 10 |
| Carrots | 3 |
| Fuses | 3 |
| JetPack 1000 | 35 |
| JetPack 2000 | 55 |
| Oil can | 9 |
| Safe | 50 |
| Sling | 4 |
| TNT (1 stick) | 3 |
| TNT (5 sticks) | 10 |
+-----+-----+
14 rows in set (0.000 sec)
```

2. Operasikan perintah SQL untuk menampilkan :

A. Tanggal praktikum

```
MariaDB [orderentry]> select current_date as 'Tanggal Praktikum';
+-----+
| Tanggal Praktikum |
+-----+
| 2025-10-24 |
+-----+
1 row in set (0.000 sec)

MariaDB [orderentry]> select current_date as 'Tanggal Praktikum';
+-----+
| Tanggal Praktikum |
+-----+
| 2025-10-24 |
+-----+
1 row in set (0.000 sec)
```

B. Jam sekarang

```
MariaDB [orderentry]> select current_time as jam_sekarang;
+-----+
|jam_sekarang |
+-----+
| 12:52:52   |
+-----+
1 row in set (0.000 sec)

MariaDB [orderentry]> select current_time as jam_sekarang;
+-----+
| jam_sekarang |
+-----+
| 12:52:52    |
+-----+
1 row in set (0.000 sec)
```

C. Jam sekarang - jam awal masuk praktikum

```
MariaDB [orderentry]> select current_time as 'jam sekarang', time '09:00:00' as 'Jam Awal Masuk Praktikum';
+-----+-----+
|jam sekarang |Jam Awal Masuk Praktikum |
+-----+-----+
| 13:01:09  |09:00:00      |
+-----+-----+
1 row in set (0.001 sec)
```

```
MariaDB [orderentry]> select current_time as 'jam sekarang', time '09:00:00' as 'Jam Awal Masuk Praktikum';
+-----+-----+
| jam sekarang | Jam Awal Masuk Praktikum |
+-----+-----+
| 13:01:09     | 09:00:00      |
+-----+-----+
```

D. Tahun Sekarang - Tahun Lahir anda

```
MariaDB [orderentry]> select year(current_date) as 'Tahun Sekarang', 2006 as 'Tahun Lahir Saya';
+-----+-----+
| Tahun Sekarang | Tahun Lahir Saya |
+-----+-----+
|      2025 |      2006 |
+-----+-----+
1 row in set (0.000 sec)
```

```
MariaDB [orderentry]> select year(current_date) as 'Tahun Sekarang', 2006 as 'Tahun Lahir Saya';
+-----+-----+
| Tahun Sekarang | Tahun Lahir Saya |
+-----+-----+
|          2025 |            2006 |
+-----+-----+
1 row in set (0.000 sec)
```