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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_address | 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@yoesite.com |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.000 sec)
```

```
MariaDB [orderentry]> select * from customers order by cust_name asc;
```

```
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| cust_id | cust_name | cust_address | 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@yoesite.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_address | 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_address | 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 quantity desc;
```

```
+-----+-----+-----+-----+
```

```
| order_num | order_item | prod_item | quantity |
```

```
+-----+-----+-----+-----+
```

```
| 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 quantity desc;
+-----+-----+-----+-----+
| order_num | order_item | prod_item | quantity |
+-----+-----+-----+-----+
| 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(quantity) as Banyaknya,sum(quantity) as Total, avg(quantity) as rata_rata, min(quantity) 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(quantity) as Banyaknya,sum(quantity) as Total, avg(quantity) as rata_rata, min(quantity) 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]> |
```

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

```
MariaDB [orderentry]> select order_num from orderitems where quantity between '5' and '10';
```

```
+-----+
| order_num |
+-----+
| 20005 |
| 20005 |
+-----+
```

```
2 rows in set (0.004 sec)
```

```
MariaDB [orderentry]> select order_num from orderitems where quantity 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)
```