

Nama : Adridinan Najmi Faza

NIM : H1D025059

Shift Awal/Akhir : B/H

Test Akhir

1. Carilah nama vendor yang harga barangnya termurah.

```
MariaDB [orderentry]> select vendors.vend_name, products.prod_price from vendors,products
-> where vendors.vend_id = products.vend_id
-> and products.prod_price = (select min(prod_price) from products);
+-----+-----+
| vend_name | prod_price |
+-----+-----+
| ACME      | 3          |
| LT Supplies | 3          |
| ACME      | 3          |
+-----+-----+
3 rows in set (0.002 sec)
```

```
MariaDB [orderentry]> select vendors.vend_name, products.prod_price from vendors,products
-> where vendors.vend_id = products.vend_id
-> and products.prod_price = (select min(prod_price) from products);
+-----+-----+
| vend_name | prod_price |
+-----+-----+
| ACME      | 3          |
| LT Supplies | 3          |
| ACME      | 3          |
+-----+-----+
3 rows in set (0.002 sec)
```

2. tampilkan kota -kota dari vendor product jetpack harganya dibawah 55.

```
MariaDB [orderentry]> select a.vend_city from vendors a join products b on a.vend_id=b.vend_id where prod_name like '%JetPack%' and prod_price < 55;
+-----+
| vend_city |
+-----+
| London    |
+-----+
1 row in set (0.021 sec)
```

```
MariaDB [orderentry]> select a.vend_city from vendors a join products b on a.vend_id=b.vend_id where prod_name like '%JetPack%' and prod_price < 55;
+-----+
| vend_city |
+-----+
| London    |
+-----+
1 row in set (0.021 sec)
```

3. siapa sajakah customer yang melakukan order tanggal 01-09-2005

```
MariaDB [orderentry]> select a.cust_name from customers a join orders b on a.cust_id=b.cust_id where order_date = '2005-09-01';
+-----+
| cust_name |
+-----+
| Mouse House |
+-----+
1 row in set (0.000 sec)
```

MariaDB [orderentry]> select a.cust_name from customers a join orders b on a.cust_id=b.cust_id where order_date = '2005-09-01';

```
+-----+
| cust_name |
+-----+
| Mouse House |
+-----+
1 row in set (0.000 sec)
```

4. dimanakah alamat lengkap customer(Kota,negara,kodepos) yang melakukan pembelian barang sama dengan customer no 10002 ?

```
MariaDB [orderentry]> SELECT a.cust_city, a.cust_country, a.cust_zip, a.cust_adress FROM customers a WHERE a.cust_id=10002;
+-----+-----+-----+-----+
| cust_city | cust_country | cust_zip | cust_adress |
+-----+-----+-----+-----+
| columbus | USA | 43333 | 333 fromage lane |
+-----+-----+-----+-----+
1 row in set (0.001 sec)
```

MariaDB [orderentry]> SELECT a.cust_city, a.cust_country, a.cust_zip, a.cust_adress FROM customers a WHERE a.cust_id=10002;

```
+-----+-----+-----+-----+
| cust_city | cust_country | cust_zip | cust_adress |
+-----+-----+-----+-----+
| columbus | USA | 43333 | 333 fromage lane |
+-----+-----+-----+-----+
1 row in set (0.001 sec)
```

5. siapakah nama customer dan email contactnya, yang paling boros belanja (dilihat dari pembelian barang paling banyak) ?

```
MariaDB [orderentry]> select a.cust_name, a.cust_email, SUM(c.quantity) as total_barang from customers a join orders b on a.cust_id=b.cust_id join orderitems c on b.order_num=c.order_num group by a.cust_name, a.cust_email order by total_barang desc limit 1;
+-----+-----+-----+
| cust_name | cust_email | total_barang |
+-----+-----+-----+
| wascals | rabith@wascally.com | 100 |
+-----+-----+-----+
1 row in set (0.002 sec)
```

MariaDB [orderentry]> select a.cust_name, a.cust_email, SUM(c.quantity) as total_barang from customers a join orders b on a.cust_id=b.cust_id join orderitems c on b.order_num=c.order_num group by a.cust_name, a.cust_email order by total_barang desc limit 1;

```
+-----+-----+-----+
| cust_name | cust_email | total_barang |
+-----+-----+-----+
| wascals | rabith@wascally.com | 100 |
+-----+-----+-----+
1 row in set (0.002 sec)
```