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1. Berdasarkan Database order entry dan tabel yang telah dibuat sebelumnya, isikan tabel berikut ini sesuai dengan isian sbb:

a. Tabel customers

```
MariaDB [orderentry]> insert into customers (cust_id, cust_name, cust_adress, cust_city, cust_state, cust_zip, cust_country, cust_contact, cust_email) values
-> ('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'),
-> ('10005', 'e fudd', '4545 53rd street', 'chicago', 'IL', '54545', 'USA', 'e fudd', NULL);
Query OK, 4 rows affected (0.006 sec)
Records: 4 Duplicates: 0 Warnings: 0

MariaDB [orderentry]> select * from customers;
+-----+-----+-----+-----+-----+-----+-----+-----+
| cust_id | cust_name | cust_adress | cust_city | cust_state | cust_zip | cust_country | cust_contact | cust_email |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 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 |
| 10005 | e fudd | 4545 53rd street | chicago | IL | 54545 | USA | e fudd | NULL |
+-----+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.001 sec)
```

```
MariaDB [orderentry]> insert into customers (cust_id, cust_name, cust_adress, cust_city, cust_state, cust_zip, cust_country, cust_contact, cust_email) values
-> ('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'),
-> ('10005', 'e fudd', '4545 53rd street', 'chicago', 'IL', '54545', 'USA', 'e fudd', NULL);
Query OK, 4 rows affected (0.006 sec)
Records: 4 Duplicates: 0 Warnings: 0
```

b. Tabel product

```
MariaDB [orderentry]> insert into products (prod_id, vend_id, prod_name, prod_price, prod_desc) values
-> ('ANV01', '1001', '0.5 ton anvil', '5', '0.5 ton anvil, black, complete with handy hook'),
-> ('ANV02', '1001', '1 ton anvil', '10', '1 ton anvil, black, complete with handy hook and carrying case'),
-> ('ANV03', '1001', '2 ton anvil', '20', '2 ton anvil, black, complete with handy hook and carrying case'),
-> ('DNTR', '1002', 'Detonator', '13', 'Detonator (plunger powered), fuses not included'),
-> ('FB', '1003', 'Bird seed', '10', 'Large bag (suitable for road runners)'),
-> ('FC', '1003', 'Carrots', '2.50', 'Carrots (rabbit hunting season only)'),
-> ('FUI', '1002', 'Fuses', '3', '1 dozen, extra long'),
-> ('JP1000', '1005', 'JetPack 1000', '35', 'JetPack 1000, intended for single use'),
-> ('JP2000', '1005', 'JetPack 2000', '55', 'JetPack 2000, multi-use'),
-> ('OL1', '1002', 'Oil can', '8.99', 'Oil can, red'),
-> ('SAFE', '1003', 'Safe', '50', 'Safe with combination lock'),
-> ('SLING', '1003', 'Sling', '4.49', 'Sling, one size fits all'),
-> ('TNT1', '1003', 'TNT (1 stick)', '2.50', 'TNT, red, single stick'),
-> ('TNT2', '1003', 'TNT (5 sticks)', '10', 'TNT, red, pack of 10 sticks');
Query OK, 14 rows affected (0.006 sec)
Records: 14 Duplicates: 0 Warnings: 0

MariaDB [orderentry]> select * from products;
+-----+-----+-----+-----+
| prod_id | vend_id | prod_name | prod_price | prod_desc |
+-----+-----+-----+-----+
| ANV01 | 1001 | 0.5 ton anvil | 5 | 0.5 ton anvil, black, complete with handy hook |
| ANV02 | 1001 | 1 ton anvil | 10 | 1 ton anvil, black, complete with handy hook and carrying case |
| ANV03 | 1001 | 2 ton anvil | 20 | 2 ton anvil, black, complete with handy hook and carrying case |
| DNTR | 1002 | Detonator | 13 | Detonator (plunger powered), fuses not included |
| FB | 1003 | Bird seed | 10 | Large bag (suitable for road runners) |
| FC | 1003 | Carrots | 2.50 | Carrots (rabbit hunting season only) |
| FUI | 1002 | Fuses | 3 | 1 dozen, extra long |
| JP1000 | 1005 | JetPack 1000 | 35 | JetPack 1000, intended for single use |
| JP2000 | 1005 | JetPack 2000 | 55 | JetPack 2000, multi-use |
| OL1 | 1002 | Oil can | 8.99 | Oil can, red |
| SAFE | 1003 | Safe | 50 | Safe with combination lock |
| SLING | 1003 | Sling | 4.49 | Sling, one size fits all |
| TNT1 | 1003 | TNT (1 stick) | 2.50 | TNT, red, single stick |
| TNT2 | 1003 | TNT (5 sticks) | 10 | TNT, red, pack of 10 sticks |
+-----+-----+-----+-----+
14 rows in set (0.001 sec)

MariaDB [orderentry]>
```

```
MariaDB [orderentry]> insert into products (prod_id, vend_id, prod_name, prod_price, prod_desc) values
-> ('ANV01', '1001', '0.5 ton anvil', '5', '0.5 ton anvil, black, complete with handy hook'),
-> ('ANV02', '1001', '1 ton anvil', '10', '1 ton anvil, black, complete with handy hook and carrying case'),
-> ('ANV03', '1001', '2 ton anvil', '20', '2 ton anvil, black, complete with handy hook and carrying case'),
-> ('DNTR', '1002', 'Detonator', '13', 'Detonator (plunger powered), fuses not included'),
-> ('FB', '1003', 'Bird seed', '10', 'Large bag (suitable for road runners)'),
-> ('FC', '1003', 'Carrots', '2.50', 'Carrots (rabbit hunting season only)'),
```

```

-> ('FU1', '1002', 'Fuses', '3', '1 dozen, extra long'),
-> ('JP1000', '1005', 'JetPack 1000', '35', 'JetPack 1000, intended for single use'),
-> ('JP2000', '1005', 'JetPack 2000', '55', 'JetPack 2000, multi-use'),
-> ('OL1', '1002', 'Oil can', '8.99', 'Oil can, red'),
-> ('SAFE', '1003', 'Safe', '50', 'Safe with combination lock'),
-> ('SLING', '1003', 'Sling', '4.49', 'Sling, one size fits all'),
-> ('TNT1', '1003', 'TNT (1 stick)', '2.50', 'TNT, red, single stick'),
-> ('TNT2', '1003', 'TNT (5 sticks)', '10', 'TNT, red, pack of 10 sticks');

```

Query OK, 14 rows affected (0.006 sec)

Records: 14 Duplicates: 0 Warnings: 0

c. Tabel vendors

```

MariaDB [orderentry]> insert into vendors (vend_id, vend_name, vend_adress, vend_city, vend_state, vend_zip, vend_country) values
-> ('1001', 'Anvils R Us', '123 Main Street', 'Southfield', 'MI', '48075', 'USA'),
-> ('1002', 'LT Supplies', '500 Park Street', 'Anytown', 'OH', '44333', 'USA'),
-> ('1003', 'ACME', '555 High Street', 'Los Angeles', 'CA', '90046', 'USA'),
-> ('1004', 'Furball Inc.', '111 Main Street', 'New York', 'NY', '11115', 'USA'),
-> ('1005', 'Jet Set', '42 Galaxy Road', 'London', NULL, 'N16 6PS', 'England'),
-> ('1006', 'Jouets Et Ours', '1 Rue Amusement', 'Paris', NULL, '45678', 'France');
Query OK, 6 rows affected (0.006 sec)
Records: 6 Duplicates: 0 Warnings: 0

MariaDB [orderentry]> select * from vendors;
+-----+-----+-----+-----+-----+-----+
| vend_id | vend_name | vend_adress | vend_city | vend_state | vend_zip | vend_country |
+-----+-----+-----+-----+-----+-----+
| 1001 | Anvils R Us | 123 Main Street | Southfield | MI | 48075 | USA
| 1002 | LT Supplies | 500 Park Street | Anytown | OH | 44333 | USA
| 1003 | ACME | 555 High Street | Los Angeles | CA | 90046 | USA
| 1004 | Furball Inc. | 111 Main Street | New York | NY | 11115 | USA
| 1005 | Jet Set | 42 Galaxy Road | London | NULL | N16 6PS | England
| 1006 | Jouets Et Ours | 1 Rue Amusement | Paris | NULL | 45678 | France
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.001 sec)

MariaDB [orderentry]>

```

```

insert into vendors (vend_id, vend_name, vend_adress, vend_city, vend_state, vend_zip, vend_country) values
('1001', 'Anvils R Us', '123 Main Street', 'Southfield', 'MI', '48075', 'USA'),
('1002', 'LT Supplies', '500 Park Street', 'Anytown', 'OH', '44333', 'USA'),
('1003', 'ACME', '555 High Street', 'Los Angeles', 'CA', '90046', 'USA'),
('1004', 'Furball Inc.', '111 Main Street', 'New York', 'NY', '11115', 'USA'),
('1005', 'Jet Set', '42 Galaxy Road', 'London', NULL, 'N16 6PS', 'England'),
('1006', 'Jouets Et Ours', '1 Rue Amusement', 'Paris', NULL, '45678', 'France');

```

d. Tabel orderitems

```

MariaDB [orderentry]> insert into orderitems (order_num, order_item, prod_item, quantity) values
-> ('20005', '1', 'ANV01', '10'),
-> ('20005', '2', 'ANV02', '3'),
-> ('20005', '3', 'TNT2', '5'),
-> ('20006', '1', 'FB', '1'),
-> ('20007', '1', 'JB2000', '1'),
-> ('20007', '2', 'TNT2', '100'),
-> ('20008', '1', 'FB', '50'),
-> ('20009', '2', 'FB', '1'),
-> ('20009', '3', 'OL1', '1'),
-> ('20009', '4', 'ANV02', '5'),
-> ('20009', '5', 'ANV03', '1'),
Query OK, 11 rows affected, 11 warnings (0.006 sec)
Records: 11 Duplicates: 0 Warnings: 11

MariaDB [orderentry]> select * from orderitems;
+-----+-----+-----+-----+
| order_num | order_item | prod_item | quantity |
+-----+-----+-----+-----+
| 20005 | 1 | 0 | 10 |
| 20005 | 2 | 0 | 3 |
| 20005 | 3 | 0 | 5 |
| 20006 | 1 | 0 | 1 |
| 20007 | 1 | 0 | 1 |
| 20007 | 2 | 0 | 100 |
| 20009 | 1 | 0 | 50 |
| 20009 | 2 | 0 | 1 |
| 20009 | 3 | 0 | 1 |
| 20009 | 4 | 0 | 1 |
| 20009 | 5 | 0 | 1 |
+-----+-----+-----+-----+
11 rows in set (0.001 sec)

MariaDB [orderentry]>

```

```

INSERT INTO orderitems (order_num, order_item, prod_item, quantity) VALUES
('20005', '1', 'ANV01', '10'),
('20005', '2', 'ANV02', '3'),
('20005', '3', 'TNT2', '5'),
('20006', '1', 'FB', '1'),

```

```
('20007', '1', 'JP2000', '1'),
('20008', '1', 'TNT2', '100'),
('20009', '1', 'FC', '50'),
('20009', '2', 'FB', '1'),
('20009', '3', 'OL1', '1'),
('20009', '4', 'SLING', '1'),
('20009', '5', 'ANVB3', '1');
```

2. Setelah keempat table diisi tampilakan query berikut ini

a. Ubahlah data salah satu customer dengan perintah update

```
MariaDB [orderentry]> select * from customers;
+-----+-----+-----+-----+-----+-----+-----+-----+
| cust_id | cust_name | cust_adress | cust_city | cust_state | cust_zip | cust_country | cust_contact | cust_email |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 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 |
| 10005 | e fudd | 4545 53rd street | chicago | IL | 54545 | USA | e fudd | NULL |
+-----+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.005 sec)

MariaDB [orderentry]> update customers set cust_contact = 'E Fuad' where
-> cust_id = 10005;
Query OK, 1 row affected (0.006 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [orderentry]> select * from customers;
+-----+-----+-----+-----+-----+-----+-----+-----+
| cust_id | cust_name | cust_adress | cust_city | cust_state | cust_zip | cust_country | cust_contact | cust_email |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 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 |
| 10005 | e fudd | 4545 53rd street | chicago | IL | 54545 | USA | E Fuad | NULL |
+-----+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.001 sec)

MariaDB [orderentry]>
```

Syntax:

```
update customers set cust_contact = 'E Fuad' where cust_id = 10005;
```

b. Hapuslah data salah satu vendor atau product dengan perintah delete

```
MariaDB [orderentry]> select * from vendors;
+-----+-----+-----+-----+-----+-----+
| vend_id | vend_name | vend_adress | vend_city | vend_state | vend_zip | vend_country |
+-----+-----+-----+-----+-----+-----+
| 1001 | Anvils R Us | 123 Main Street | Southfield | MI | 48075 | USA |
| 1002 | LT Supplies | 500 Park Street | Anytown | OH | 44333 | USA |
| 1003 | ACME | 555 High Street | Los Angeles | CA | 90046 | USA |
| 1004 | Furball Inc. | 111 Main Street | New York | NY | 11115 | USA |
| 1005 | Jet Set | 42 Galaxy Road | London | NULL | N16 6PS | England |
| 1006 | Jouets Et Ours | 1 Rue Amusement | Paris | NULL | 45678 | France |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.002 sec)

MariaDB [orderentry]> delete from vendors where vend_id = 1006;
Query OK, 1 row affected (0.007 sec)

MariaDB [orderentry]> select * from vendors;
+-----+-----+-----+-----+-----+-----+
| vend_id | vend_name | vend_adress | vend_city | vend_state | vend_zip | vend_country |
+-----+-----+-----+-----+-----+-----+
| 1001 | Anvils R Us | 123 Main Street | Southfield | MI | 48075 | USA |
| 1002 | LT Supplies | 500 Park Street | Anytown | OH | 44333 | USA |
| 1003 | ACME | 555 High Street | Los Angeles | CA | 90046 | USA |
| 1004 | Furball Inc. | 111 Main Street | New York | NY | 11115 | USA |
| 1005 | Jet Set | 42 Galaxy Road | London | NULL | N16 6PS | England |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.001 sec)

MariaDB [orderentry]>
```

Syntax:

```
delete from vendors where vend_id = 1006;
```

c.Tampilkan nomer order dan jumlahnya

```
MariaDB [orderentry]> select order_num, quantitiy from orderitems;
+-----+-----+
| order_num | quantitiy |
+-----+-----+
| 20005 | 10 |
| 20005 | 3 |
| 20005 | 5 |
| 20006 | 1 |
| 20007 | 1 |
| 20008 | 100 |
| 20009 | 50 |
| 20009 | 1 |
| 20009 | 1 |
| 20009 | 1 |
| 20009 | 1 |
+-----+-----+
11 rows in set (0.001 sec)

MariaDB [orderentry]>
```

Syntax:

```
select order_num,quantity from orderitems;
```

d.Tampilkan data customer yang berasal dari “USA”

```
MariaDB [orderentry]> select * from customers where cust_country = 'USA';
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| cust_id | cust_name | cust_adress | cust_city | cust_state | cust_zip | cust_country | cust_contact | cust_email |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| 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 |
| 10005 | e fudd | 4545 53rd street | chicago | IL | 54545 | USA | E Fud | NULL |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.001 sec)

MariaDB [orderentry]>
```

Syntax:

```
select * from customers where cust_country = 'USA';
```