

Nama : Adridinan Najmi Faza  
NIM : H1D025059  
Shift Awal/Akhir : B/H

## 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_address, 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', 'wascols', '1 sunny place', 'muncie', 'in', '42222', 'USA', 'jim jones', 'rabith@wasccally.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_address	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	wascols	1 sunny place	muncie	in	42222	USA	jim jones	rabith@wasccally.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_address, 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', 'wascols', '1 sunny place', 'muncie', 'in', '42222', 'USA', 'jim jones', 'rabith@wasccally.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'),
-> ('OLI', '1002', 'Oil can', '9.99', '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	3	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
OLI	1002	Oil can	9	Oil can, red
SAFE	1003	Safe	50	Safe with combination lock
SLING	1003	Sling	4	Sling, one size fits all
TNT1	1003	TNT (1 stick)	3	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', 'JP2000', '1'),
-> ('20008', '1', 'TNT2', '100'),
-> ('20009', '1', 'FC', '50'),
-> ('20009', '2', 'FB', '1'),
-> ('20009', '3', 'OL1', '1'),
-> ('20009', '4', 'SLING', '1'),
-> ('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 | 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 | ANV03 | 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 tampilkan query berikut ini

### a. Ubahlah data salah satu customer dengan perintah update

```

MariaDB [orderentry]> select * from customers;
+-----+-----+-----+-----+-----+-----+-----+-----+
| BEFORE |
+-----+-----+-----+-----+-----+-----+-----+-----+
| cust_id | cust_name | cust_address | 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@yoseseite.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;
+-----+-----+-----+-----+-----+-----+-----+-----+
| AFTER |
+-----+-----+-----+-----+-----+-----+-----+-----+
| cust_id | cust_name | cust_address | 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@yoseseite.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;
+-----+-----+-----+-----+-----+-----+-----+
| BEFORE |
+-----+-----+-----+-----+-----+-----+-----+
| vend_id | vend_name | vend_address | 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;
+-----+-----+-----+-----+-----+-----+-----+
| AFTER |
+-----+-----+-----+-----+-----+-----+-----+
| vend_id | vend_name | vend_address | 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_address | 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:

select \* from customers where cust\_country = 'USA';