1.

    a.   Table customers

MariaDB [orderentry]> select * from customers;
Empty set (0.006 sec)

```
MariaDB [orderentry]> select * from customers;
Empty set (0.006 sec)
```

MariaDB [orderentry]> insert into customers values('10002','Mouse House','333 Fromage Lane','Columbus','OH','4333','USA','Jerry Mouse','NULL');
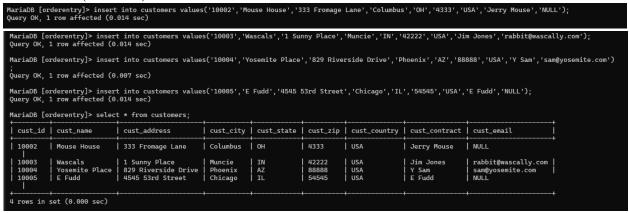Query OK, 1 row affected (0.014 sec)

MariaDB [orderentry]> insert into customers values('10003','Wascals','1 Sunny Place','Muncie','IN','42222','USA','Jim Jones','rabbit@wascally.com');
Query OK, 1 row affected (0.014 sec)

MariaDB [orderentry]> insert into customers values('10004','Yosemite Place','829 Riverside Drive','Phoenix','AZ','88888','USA','Y Sam','sam@yosemite.com');
Query OK, 1 row affected (0.007 sec)

MariaDB [orderentry]> insert into customers values('10005','E Fudd','4545 53rd Street','Chicago','IL','54545','USA','E Fudd','NULL');
Query OK, 1 row affected (0.014 sec)

MariaDB [orderentry]> select * from customers;

cust_id	cust_name	cust_address	cust_city	cust_state	cust_zip	cust_country	cust_contract	cust_email
10002	Mouse House	333 Fromage Lane	Columbus	OH	4333	USA	Jerry Mouse	NULL
10003	Wascals	1 Sunny Place	Muncie	IN	42222	USA	Jim Jones	rabbit@wascally.com
10004	Yosemite Place	829 Riverside Drive	Phoenix	AZ	88888	USA	Y Sam	sam@yosemite.com
10005	E Fudd	4545 53rd Street	Chicago	IL	54545	USA	E Fudd	NULL

4 rows in set (0.000 sec)

```
MariaDB [orderentry]> insert into customers values('10002','Mouse House','333 Fromage Lane','Columbus','OH','4333','USA','Jerry Mouse','NULL');
Query OK, 1 row affected (0.014 sec)
```

```
MariaDB [orderentry]> insert into customers values('10003','Wascals','1 Sunny Place','Muncie','IN','42222','USA','Jim Jones','rabbit@wascally.com');
Query OK, 1 row affected (0.014 sec)

MariaDB [orderentry]> insert into customers values('10004','Yosemite Place','829 Riverside Drive','Phoenix','AZ','88888','USA','Y Sam','sam@yosemite.com')
;
Query OK, 1 row affected (0.007 sec)

MariaDB [orderentry]> insert into customers values('10005','E Fudd','4545 53rd Street','Chicago','IL','54545','USA','E Fudd','NULL');
Query OK, 1 row affected (0.014 sec)

MariaDB [orderentry]> select * from customers;
+---------+----------------+---------------------+----------+------------+----------+--------------+--------------+---------------------+
| cust_id | cust_name      | cust_address        | cust_city | cust_state | cust_zip | cust_country | cust_contract | cust_email          |
+---------+----------------+---------------------+----------+------------+----------+--------------+--------------+---------------------+
| 10002   | Mouse House    | 333 Fromage Lane    | Columbus  | OH         | 4333     | USA          | Jerry Mouse  | NULL                |
| 10003   | Wascals        | 1 Sunny Place       | Muncie    | IN         | 42222    | USA          | Jim Jones    | rabbit@wascally.com |
| 10004   | Yosemite Place | 829 Riverside Drive | Phoenix   | AZ         | 88888    | USA          | Y Sam        | sam@yosemite.com    |
| 10005   | E Fudd         | 4545 53rd Street    | Chicago   | IL         | 54545    | USA          | E Fudd       | NULL                |
+---------+----------------+---------------------+----------+------------+----------+--------------+--------------+---------------------+
4 rows in set (0.000 sec)
```

b. Table vendors

MariaDB [orderentry]> select*from vendors;

Empty set (0.005 sec)

```
MariaDB [orderentry]> select*from vendors;
Empty set (0.005 sec)
```

MariaDB [orderentry]> insert into vendors values('1001','Anvils R Us','123 Main Street','Southfield','MI','48075','USA');

Query OK, 1 row affected (0.006 sec)

MariaDB [orderentry]> insert into vendors values('1002','LT Supplies','500 Park Street','Anytown','OH','44333','USA');

Query OK, 1 row affected (0.005 sec)

MariaDB [orderentry]> insert into vendors values('1003','ACME','555 High Street','Los Angeles','CA','90046','USA');

Query OK, 1 row affected (0.001 sec)

MariaDB [orderentry]> insert into vendors values('1004','Furball Inc.','1000 5th Avenue','New York','NY','11111','USA');

Query OK, 1 row affected (0.011 sec)

MariaDB [orderentry]> insert into vendors values('1005','Jet Set','42 Galaxy Road','London','NULL','N16 6PS','England');

Query OK, 1 row affected (0.006 sec)

MariaDB [orderentry]> insert into vendors values('1006','Jouets Et Ours','1 Rue Amusement','Paris','NULL','45678','France');

Query OK, 1 row affected (0.007 sec)

MariaDB [orderentry]> select * from vendors;

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.	1000 5th Avenue	New York	NY	11111	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 (0.000 sec)

    c.   Table products

MariaDB [orderentry]> select *from products;

Empty set (0.005 sec)

```
MariaDB [orderentry]> select *from products;
Empty set (0.005 sec)
```

MariaDB [orderentry]> insert into products values('ANV01','1001','5 ton anvil','6','5 ton anvil, black, complete with handy hook');

Query OK, 1 row affected (0.006 sec)

MariaDB [orderentry]> insert into products values('ANV02','1001','1 ton anvil','10','1 ton anvil, black, complete with handy hook and carrying case');

Query OK, 1 row affected (0.009 sec)

MariaDB [orderentry]> insert into products values('ANV03','1001','2 ton anvil','15','2 ton anvil, black, complete with handy book and carrying case');

Query OK, 1 row affected (0.002 sec)

MariaDB [orderentry]> insert into products values('DTNTR','1003','Detonator','13','Detonator (plunger powered), puses not included');

Query OK, 1 row affected (0.014 sec)

MariaDB [orderentry]> insert into products values('FB','1003','Bird Seed','10','Large bag (suitable for road runners)');

Query OK, 1 row affected (0.007 sec)

MariaDB [orderentry]> insert into products values('FC','1003','Carrots','3','Carrots (rabbit hunting season only)');

Query OK, 1 row affected (0.006 sec)

MariaDB [orderentry]> insert into products values('FU1','1002','Fuses','3','1 dozen, extra long');

Query OK, 1 row affected (0.008 sec)

MariaDB [orderentry]> insert into products values('JP1000','1005','JetPack 1000','35','JetPack 1000,intended for single use');

Query OK, 1 row affected (0.014 sec)

MariaDB [orderentry]> insert into products values('JP2000','1005','JetPack 2000','55','JetPack 2000, multi use');

Query OK, 1 row affected (0.007 sec)

MariaDB [orderentry]> insert into products values('OL1','1002','oil can','9','oil can,red');

Query OK, 1 row affected (0.003 sec)

MariaDB [orderentry]> insert into products values('SAFE','1003','Safe','50','Safe with combination look');

Query OK, 1 row affected (0.009 sec)

MariaDB [orderentry]> insert into products values('Sling','1003','Sling','4','Sling, one size fits all');

Query OK, 1 row affected (0.013 sec)

MariaDB [orderentry]> insert into products values('TNT1','1003','INT (1 stick)','3','TNT, red, single stick');

Query OK, 1 row affected (0.002 sec)

MariaDB [orderentry]> insert into products values('TNT2','1003','TNT (5 stick)','10','TNT, red, pack of 10 stick');

Query OK, 1 row affected (0.007 sec)

MariaDB [orderentry]> select * from products;

```
+---------+---------+--------------+------------+-------------------------------------------------------------+
| prod_id | vend_id | prod_name    | prod_price | desc_prod                                                   |
+---------+---------+--------------+------------+-------------------------------------------------------------+
| ANV01   | 1001    | 5 ton anvil  |          6 | 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  |         15 | 2 ton anvil, black, complete with handy book and carrying case |
| DTNTR   | 1003    | Detonator    |         13 | Detonator (plunger powered), puses not included             |
| FB      | 1003    | Bird Seed    |         10 | Large bag (suitable for road runners)                       |
| FC      | 1003    | Carrots      |          3 | 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	9	oil can,red
SAFE	1003	Safe	50	Safe with combination look
Sling	1003	Sling	4	Sling, one size fits all
TNT1	1003	INT (1 stick)	3	TNT, red, single stick
TNT2	1003	TNT (5 stick)	10	TNT, red, pack of 10 stick

+---------+---------+--------------+------------+--+

14 rows in set (0.000 sec)

```
MariaDB [orderentry]> insert into products values('ANV01','1001','5 ton anvil','6','5 ton anvil, black, complete with handy hook');
Query OK, 1 row affected (0.006 sec)

MariaDB [orderentry]> insert into products values('ANV02','1001','1 ton anvil','10','1 ton anvil, black, complete with handy hook and carrying case');
Query OK, 1 row affected (0.009 sec)
```

```
MariaDB [orderentry]> insert into products values('ANV03','1001','2 ton anvil','15','2 ton anvil, black, complete with handy book and carrying case');
Query OK, 1 row affected (0.002 sec)

MariaDB [orderentry]> insert into products values('DTNTR','1003','Detonator','13','Detonator (plunger powered), puses not included');
Query OK, 1 row affected (0.014 sec)

MariaDB [orderentry]> insert into products values('FB','1003','Bird Seed','10','Large bag (suitable for road runners)');
Query OK, 1 row affected (0.007 sec)

MariaDB [orderentry]> insert into products values('FC','1003','Carrots','3','Carrots (rabbit hunting season only)');
Query OK, 1 row affected (0.006 sec)

MariaDB [orderentry]> insert into products values('FU1','1002','Fuses','3','1 dozen, extra long');
Query OK, 1 row affected (0.008 sec)

MariaDB [orderentry]> insert into products values('JP1000','1005','JetPack 1000','35','JetPack 1000,intended for single use');
Query OK, 1 row affected (0.014 sec)

MariaDB [orderentry]> insert into products values('JP2000','1005','JetPack 2000','55','JetPack 2000, multi use');
Query OK, 1 row affected (0.007 sec)

MariaDB [orderentry]> insert into products values('OL1','1002','oil can','9','oil can,red');
Query OK, 1 row affected (0.003 sec)

MariaDB [orderentry]> insert into products values('SAFE','1003','Safe','50','Safe with combination look');
Query OK, 1 row affected (0.009 sec)

MariaDB [orderentry]> insert into products values('Sling','1003','Sling','4','Sling, one size fits all');
Query OK, 1 row affected (0.013 sec)

MariaDB [orderentry]> insert into products values('TNT1','1003','INT (1 stick)','3','TNT, red, single stick');
Query OK, 1 row affected (0.002 sec)

MariaDB [orderentry]> insert into products values('TNT2','1003','TNT (5 stick)','10','TNT, red, pack of 10 stick');
Query OK, 1 row affected (0.007 sec)
```

```
MariaDB [orderentry]> select * from products;
+---------+---------+--------------+------------+----------------------------------------------------------------+
| prod_id | vend_id | prod_name    | prod_price | desc_prod                                                      |
+---------+---------+--------------+------------+----------------------------------------------------------------+
| ANV01   | 1001    | 5 ton anvil  |          6 | 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  |         15 | 2 ton anvil, black, complete with handy book and carrying case |
| DTNTR   | 1003    | Detonator    |         13 | Detonator (plunger powered), puses not included                |
| FB      | 1003    | Bird Seed    |         10 | Large bag (suitable for road runners)                          |
| FC      | 1003    | Carrots      |          3 | 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      |          9 | oil can,red                                                    |
| SAFE    | 1003    | Safe         |         50 | Safe with combination look                                     |
| Sling   | 1003    | Sling        |          4 | Sling, one size fits all                                       |
| TNT1    | 1003    | INT (1 stick)|          3 | TNT, red, single stick                                         |
| TNT2    | 1003    | TNT (5 stick)|         10 | TNT, red, pack of 10 stick                                     |
+---------+---------+--------------+------------+----------------------------------------------------------------+
14 rows in set (0.000 sec)
```

d. Table productnotes

MariaDB [orderentry]> select * from productnotes;

Empty set (0.011 sec)

```
MariaDB [orderentry]> select * from productnotes;
Empty set (0.011 sec)
```

MariaDB [orderentry]> insert into productnotes values('001','ANV01','2010-09-17','terbayar');

Query OK, 1 row affected (0.002 sec)

MariaDB [orderentry]> insert into productnotes values('002','FB','2017-11-19','terbayar');

Query OK, 1 row affected (0.008 sec)

MariaDB [orderentry]> insert into productnotes values('003','SAFE','2021-07-22','terbayar');

Query OK, 1 row affected (0.007 sec)

MariaDB [orderentry]> select * from productnotes;

+---------+---------+------------+-----------+

| note_id | prod_id | note_date | note_text |

+---------+---------+------------+-----------+

| 001 | ANV01 | 2010-09-17 | terbayar |

| 002 | FB | 2017-11-19 | terbayar |

| 003 | SAFE | 2021-07-22 | terbayar |

+---------+---------+------------+-----------+

```
MariaDB [orderentry]> insert into productnotes values('001','ANV01','2010-09-17','terbayar');
Query OK, 1 row affected (0.002 sec)

MariaDB [orderentry]> insert into productnotes values('001','ANV01','2010-09-17','terbayar');
ERROR 1062 (23000): Duplicate entry '001' for key 'PRIMARY'
MariaDB [orderentry]> insert into productnotes values('002','FB','2017-11-19','terbayar');
Query OK, 1 row affected (0.008 sec)

MariaDB [orderentry]> insert into productnotes values('003','SAFE','2021-07-22','terbayar');
Query OK, 1 row affected (0.007 sec)

MariaDB [orderentry]> select * from productnotes;
+---------+---------+------------+-----------+
| note_id | prod_id | note_date  | note_text |
+---------+---------+------------+-----------+
| 001     | ANV01   | 2010-09-17 | terbayar  |
| 002     | FB      | 2017-11-19 | terbayar  |
| 003     | SAFE    | 2021-07-22 | terbayar  |
+---------+---------+------------+-----------+
3 rows in set (0.001 sec)
```

e. Table orders

MariaDB [orderentry]> select * from orders;

Empty set (0.009 sec)

```
MariaDB [orderentry]> select * from orders;
Empty set (0.009 sec)
```

MariaDB [orderentry]> insert into orders values('20005','2005-09-01','10002');

Query OK, 1 row affected (0.014 sec)

MariaDB [orderentry]> insert into orders values('20006','2005-09-28','10002');

Query OK, 1 row affected (0.014 sec)

MariaDB [orderentry]> insert into orders values('20007','2005-09-30','10004');

Query OK, 1 row affected (0.004 sec)

MariaDB [orderentry]> insert into orders values('20008','2005-09-03','10005');

Query OK, 1 row affected (0.004 sec)

MariaDB [orderentry]> insert into orders values('20009','2005-08-10','10003');

Query OK, 1 row affected (0.003 sec)

MariaDB [orderentry]> select * from orders;

+-----------+------------+---------+

| order_num | order_date | cust_id |

+-----------+------------+---------+

| 20005 | 2005-09-01 | 10002 |

| 20006 | 2005-09-28 | 10002 |

| 20007 | 2005-09-30 | 10004 |

| 20008 | 2005-09-03 | 10005 |

| 20009 | 2005-08-10 | 10003 |

+-----------+------------+---------+

5 rows in set (0.000 sec)

```
MariaDB [orderentry]> insert into orders values('20005','2005-09-01','10002');
Query OK, 1 row affected (0.014 sec)

MariaDB [orderentry]> insert into orders values('20006','2005-09-28','10002');
Query OK, 1 row affected (0.014 sec)

MariaDB [orderentry]> insert into orders values('20007','2005-09-30','10004');
Query OK, 1 row affected (0.004 sec)

MariaDB [orderentry]> insert into orders values('20008','2005-09-03','10005');
Query OK, 1 row affected (0.004 sec)

MariaDB [orderentry]> insert into orders values('20009','2005-08-10','10003');
Query OK, 1 row affected (0.003 sec)

MariaDB [orderentry]> select * from orders;
+-----------+------------+---------+
| order_num | order_date | cust_id |
+-----------+------------+---------+
|     20005 | 2005-09-01 | 10002   |
|     20006 | 2005-09-28 | 10002   |
|     20007 | 2005-09-30 | 10004   |
|     20008 | 2005-09-03 | 10005   |
|     20009 | 2005-08-10 | 10003   |
+-----------+------------+---------+
5 rows in set (0.000 sec)
```

f.   Table orderitems

MariaDB [orderentry]> select * from orderitems;

Empty set (0.003 sec)

MariaDB [orderentry]> insert into orderitems values('20005','1','ANV01','10');

Query OK, 1 row affected (0.003 sec)

MariaDB [orderentry]> insert into orderitems values('20005','2','ANV02','3');

Query OK, 1 row affected (0.015 sec)

MariaDB [orderentry]> insert into orderitems values('20005','3','TNT2','5');

Query OK, 1 row affected (0.005 sec)

MariaDB [orderentry]> insert into orderitems values('20005','4','FB','1');

Query OK, 1 row affected (0.014 sec)

MariaDB [orderentry]> insert into orderitems values('20006','1','JP2000','1');

Query OK, 1 row affected (0.008 sec)

MariaDB [orderentry]> insert into orderitems values('20007','1','TNT2','1');

Query OK, 1 row affected (0.015 sec)

MariaDB [orderentry]> insert into orderitems values('20008','1','FC','50');

Query OK, 1 row affected (0.008 sec)

MariaDB [orderentry]> insert into orderitems values('20009','1','FB','1');

Query OK, 1 row affected (0.007 sec)

MariaDB [orderentry]> insert into orderitems values('20009','2','OL1','1');

Query OK, 1 row affected (0.014 sec)

MariaDB [orderentry]> insert into orderitems values('20009','3','Sling','1');

Query OK, 1 row affected (0.002 sec)

MariaDB [orderentry]> insert into orderitems values('20009','4','ANV01','1');

Query OK, 1 row affected (0.003 sec)

MariaDB [orderentry]> select * from orderitems;

```
+-----------+------------+---------+----------+
| order_num | order_item | prod_id | quantity |
+-----------+------------+---------+----------+
|   20005   |      1     | ANV01   |    10    |
|   20006   |      1     | JP2000  |     1    |
|   20007   |      1     | TNT2    |     1    |
|   20008   |      1     | FC      |    50    |
|   20009   |      1     | FB      |     1    |
|   20005   |      2     | ANV02   |     3    |
```

| 20009 | 2 | OL1 | 1 |

| 20005 | 3 | TNT2 | 5 |

| 20009 | 3 | Sling | 1 |

| 20005 | 4 | FB | 1 |

| 20009 | 4 | ANV01 | 1 |

+----------+------------+---------+----------+

11 rows in set (0.000 sec)

```
MariaDB [orderentry]> select * from orderitems;
Empty set (0.003 sec)

MariaDB [orderentry]> insert into orderitems values('20005','1','ANV01','10');
Query OK, 1 row affected (0.003 sec)

MariaDB [orderentry]> insert into orderitems values('20005','2','ANV02','3');
Query OK, 1 row affected (0.015 sec)

MariaDB [orderentry]> insert into orderitems values('20005','3','TNT2','5');
Query OK, 1 row affected (0.005 sec)

MariaDB [orderentry]> insert into orderitems values('20005','4','FB','1');
Query OK, 1 row affected (0.014 sec)

MariaDB [orderentry]> insert into orderitems values('20006','1','JP2000','1');
Query OK, 1 row affected (0.008 sec)

MariaDB [orderentry]> insert into orderitems values('20007','1','TNT2','1');
Query OK, 1 row affected (0.015 sec)

MariaDB [orderentry]> insert into orderitems values('20008','1','FC','50');
Query OK, 1 row affected (0.008 sec)

MariaDB [orderentry]> insert into orderitems values('20009','1','FB','1');
Query OK, 1 row affected (0.007 sec)

MariaDB [orderentry]> insert into orderitems values('20009','2','OL1','1');
Query OK, 1 row affected (0.014 sec)

MariaDB [orderentry]> insert into orderitems values('20009','3','Sling','1');
Query OK, 1 row affected (0.002 sec)

MariaDB [orderentry]> insert into orderitems values('20009','4','ANV01','1');
Query OK, 1 row affected (0.003 sec)
```

```
MariaDB [orderentry]> select * from orderitems;
+-----------+------------+----------+----------+
| order_num | order_item | prod_id  | quantity |
+-----------+------------+----------+----------+
|     20005 |          1 | ANV01    |       10 |
|     20006 |          1 | JP2000   |        1 |
|     20007 |          1 | TNT2     |        1 |
|     20008 |          1 | FC       |       50 |
|     20009 |          1 | FB       |        1 |
|     20005 |          2 | ANV02    |        3 |
|     20009 |          2 | OL1      |        1 |
|     20005 |          3 | TNT2     |        5 |
|     20009 |          3 | Sling    |        1 |
|     20005 |          4 | FB       |        1 |
|     20009 |          4 | ANV01    |        1 |
+-----------+------------+----------+----------+
11 rows in set (0.000 sec)
```

2. Setelah keempat table diisi query berikut
   - Ubahlah data salah satu data customers dengan perintah update

Before

MariaDB [orderentry]> select * from customers;

+---------+---------------+--------------------+----------+------------+----------+-------------+---------------+--------------------+

| cust_id | cust_name | cust_address | cust_city | cust_state | cust_zip | cust_country | cust_contract | cust_email |
+---------+---------------+---------------------+-----------+------------+----------+--------------+---------------+---------------------+

| 10002 | Mouse House | 333 Fromage Lane | Columbus | OH | 4333 | USA | Jerry Mouse | NULL |

| 10003 | Wascals | 1 Sunny Place | Muncie | IN | 42222 | USA | Jim Jones | rabbit@wascally.com |

| 10004 | Yosemite Place | 829 Riverside Drive | Phoenix | AZ | 88888 | USA | Y Sam | sam@yosemite.com |

| 10005 | E Fudd | 4545 53rd Street | Chicago | IL | 54545 | USA | E Fudd | NULL |

+---------+---------------+---------------------+-----------+------------+----------+--------------+---------------+---------------------+

4 rows in set (0.001 sec)


```
MariaDB [orderentry]> select * from customers;
+---------+---------------+---------------------+-----------+------------+----------+--------------+---------------+---------------------+
| cust_id | cust_name     | cust_address        | cust_city | cust_state | cust_zip | cust_country | cust_contract | cust_email          |
+---------+---------------+---------------------+-----------+------------+----------+--------------+---------------+---------------------+
| 10002   | Mouse House   | 333 Fromage Lane    | Columbus  | OH         | 4333     | USA          | Jerry Mouse   | NULL                |
| 10003   | Wascals       | 1 Sunny Place       | Muncie    | IN         | 42222    | USA          | Jim Jones     | rabbit@wascally.com |
| 10004   | Yosemite Place | 829 Riverside Drive | Phoenix  | AZ         | 88888    | USA          | Y Sam         | sam@yosemite.com    |
| 10005   | E Fudd        | 4545 53rd Street    | Chicago   | IL         | 54545    | USA          | E Fudd        | NULL                |
+---------+---------------+---------------------+-----------+------------+----------+--------------+---------------+---------------------+
4 rows in set (0.001 sec)
```

After

MariaDB [orderentry]> update customers set cust_name="Unsoed Place" where cust_id='10004';

Query OK, 1 row affected (0.008 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [orderentry]> select * from customers;

+---------+--------------+--------------------+-----------+------------+----------+--------------+---------------+---------------------+

| cust_id | cust_name | cust_address | cust_city | cust_state | cust_zip | cust_country | cust_contract | cust_email |

+---------+--------------+--------------------+-----------+------------+----------+--------------+---------------+---------------------+

| 10002 | Mouse House | 333 Fromage Lane | Columbus | OH | 4333 | USA | Jerry Mouse | NULL |

| 10003 | Wascals | 1 Sunny Place | Muncie | IN | 42222 | USA | Jim Jones | rabbit@wascally.com |

| 10004 | Unsoed Place | 829 Riverside Drive | Phoenix | AZ | 88888 | USA | Y Sam | sam@yosemite.com |

| 10005 | E Fudd | 4545 53rd Street | Chicago | IL | 54545 | USA | E Fudd | NULL |

+---------+--------------+--------------------+-----------+------------+----------+--------------+-----------------+---------------------+

4 rows in set (0.000 sec)

```
MariaDB [orderentry]> update customers set cust_name="Unsoed Place" where cust_id='10004';
Query OK, 1 row affected (0.008 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [orderentry]> select * from customers;
+---------+--------------+--------------------+-----------+------------+----------+--------------+---------------------+
| cust_id | cust_name    | cust_address       | cust_city | cust_state | cust_zip | cust_contract| cust_email          |
+---------+--------------+--------------------+-----------+------------+----------+--------------+---------------------+
| 10002   | Mouse House  | 333 Fromage Lane   | Columbus  | OH         | 4333     | Jerry Mouse  | NULL                |
| 10003   | Wascals      | 1 Sunny Place      | Muncie    | IN         | 42222    | Jim Jones    | rabbit@wascally.com |
| 10004   | Unsoed Place | 829 Riverside Drive| Phoenix   | AZ         | 88888    | Y Sam        | sam@yosemite.com    |
| 10005   | E Fudd       | 4545 53rd Street   | Chicago   | IL         | 54545    | E Fudd       | NULL                |
+---------+--------------+--------------------+-----------+------------+----------+--------------+---------------------+
4 rows in set (0.000 sec)
```
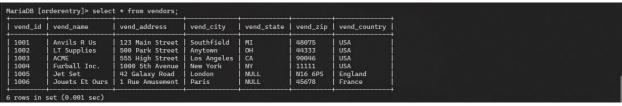
- Hapuslah salahsatu vendors atau product dengan perintah delete

Before

MariaDB [orderentry]> select * from vendors;

+---------+---------------+-----------------+-------------+------------+----------+--------------+
| 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.	1000 5th Avenue	New York	NY	11111	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]> select * from vendors;
+---------+---------------+-----------------+-------------+------------+----------+--------------+
| 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.  | 1000 5th Avenue | New York    | NY         | 11111    | 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]> select * from vendors;

+---------+--------------+-----------------+-------------+------------+----------+--------------+
| 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. | 1000 5th Avenue | New York   | NY     | 11111   | USA       |
| 1005    | Jet Set     | 42 Galaxy Road  | London     | NULL   | N16 6PS | England   |
+---------+-------------+-----------------+------------+--------+---------+-----------+
```
5 rows in set (0.001 sec)

```
MariaDB [orderentry]> delete from vendors where vend_id='1006';
Query OK, 1 row affected (0.009 sec)

MariaDB [orderentry]> select * from vendors;
+---------+-------------+-----------------+------------+------------+---------+-------------+
| 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. | 1000 5th Avenue | New York  | NY         | 11111   | USA         |
| 1005    | Jet Set     | 42 Galaxy Road  | London     | NULL       | N16 6PS | England     |
+---------+-------------+-----------------+------------+------------+---------+-------------+
5 rows in set (0.001 sec)
```

- Tampilkan nomor dan jumlahnya

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

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

- Tampilkan data cutomers yang berasal dari 'USA'

  MariaDB [orderentry]> select cust_name, cust_country from customers where
  cust_country='USA';
```
+--------------+--------------+
```

```
| cust_name    | cust_country |
+--------------+--------------+
| Mouse House  | USA          |
| Wascals      | USA          |
| Unsoed Place | USA          |
| E Fudd       | USA          |
+--------------+--------------+
4 rows in set (0.003 sec)
```

```
MariaDB [orderentry]> select cust_name, cust_country from customers where cust_country='USA';
+--------------+--------------+
| cust_name    | cust_country |
+--------------+--------------+
| Mouse House  | USA          |
| Wascals      | USA          |
| Unsoed Place | USA          |
| E Fudd       | USA          |
+--------------+--------------+
4 rows in set (0.003 sec)
```