

PANCAR WAHYU SETIABI

H1D024018

SHIF D

1. Merubah nama field/kolom

MariaDB [orderentry]> desc products;

Field	Type	Null	Key	Default	Extra
prod_id	varchar(10)	NO	PRI	NULL	
vend_id	char(4)	NO	MUL	NULL	
prod_name	varchar(25)	NO		NULL	
prod_price	int(11)	NO		NULL	
prod_desc	varchar(255)	NO		NULL	

5 rows in set (0.025 sec)

```
MariaDB [orderentry]> desc products;
```

Field	Type	Null	Key	Default	Extra
prod_id	varchar(10)	NO	PRI	NULL	
vend_id	char(4)	NO	MUL	NULL	
prod_name	varchar(25)	NO		NULL	
prod_price	int(11)	NO		NULL	
prod_desc	varchar(255)	NO		NULL	

5 rows in set (0.025 sec)

MariaDB [orderentry]> alter table products change prod_desc desc_prod varchar (255) not null;

Query OK, 0 rows affected (0.012 sec)

Records: 0 Duplicates: 0 Warnings: 0

```
MariaDB [orderentry]> desc products;
```

Field	Type	Null	Key	Default	Extra
prod_id	varchar(10)	NO	PRI	NULL	
vend_id	char(4)	NO	MUL	NULL	
prod_name	varchar(25)	NO		NULL	
prod_price	int(11)	NO		NULL	
desc_prod	varchar(255)	NO		NULL	

5 rows in set (0.018 sec)

2. Perubahan terhadap tipe data

MariaDB [orderentry]> desc products;

Field	Type	Null	Key	Default	Extra
prod_id	varchar(10)	NO	PRI	NULL	
vend_id	char(4)	NO	MUL	NULL	
prod_name	varchar(25)	NO		NULL	
prod_price	int(11)	NO		NULL	

```
| desc_prod | varchar(255) | NO | | NULL | |
+-----+-----+-----+-----+-----+
5 rows in set (0.018 sec)
```

```
MariaDB [orderentry]> desc products;
+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| prod_id | varchar(10) | NO | PRI | NULL | |
| vend_id | char(4) | NO | MUL | NULL | |
| prod_name | varchar(25) | NO | | NULL | |
| prod_price | int(11) | NO | | NULL | |
| desc_prod | varchar(255) | NO | | NULL | |
+-----+-----+-----+-----+-----+
5 rows in set (0.018 sec)
```

```
MariaDB [orderentry]> alter table products modify desc_prod char (25) not null;
Query OK, 0 rows affected (0.067 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
MariaDB [orderentry]> alter table products modify desc_prod char (25) not null;
Query OK, 0 rows affected (0.067 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [orderentry]> desc products;
+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| prod_id | varchar(10) | NO | PRI | NULL | |
| vend_id | char(4) | NO | MUL | NULL | |
| prod_name | varchar(25) | NO | | NULL | |
| prod_price | int(11) | NO | | NULL | |
| desc_prod | char(25) | NO | | NULL | |
+-----+-----+-----+-----+-----+
5 rows in set (0.020 sec)
```

3. Penambahan field/kolom

```
MariaDB [orderentry]> desc products;
+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| prod_id | varchar(10) | NO | PRI | NULL | |
| vend_id | char(4) | NO | MUL | NULL | |
| prod_name | varchar(25) | NO | | NULL | |
| prod_price | int(11) | NO | | NULL | |
| desc_prod | varchar(255) | NO | | NULL | |
+-----+-----+-----+-----+-----+
5 rows in set (0.023 sec)
```

```
MariaDB [orderentry]> desc products;
+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| prod_id | varchar(10) | NO | PRI | NULL | |
| vend_id | char(4) | NO | MUL | NULL | |
| prod_name | varchar(25) | NO | | NULL | |
| prod_price | int(11) | NO | | NULL | |
| desc_prod | varchar(255) | NO | | NULL | |
+-----+-----+-----+-----+-----+
5 rows in set (0.023 sec)
```

alter table products add quality_prod varchar (200) not null;
 Query OK, 0 rows affected (0.005 sec)
 Records: 0 Duplicates: 0 Warnings: 0

```
MariaDB [orderentry]> alter table products add quality_prod varchar (200) not null;
Query OK, 0 rows affected (0.005 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [orderentry]> desc products;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| prod_id    | varchar(10) | NO   | PRI | NULL    |       |
| vend_id    | char(4)     | NO   | MUL | NULL    |       |
| prod_name  | varchar(25) | NO   |     | NULL    |       |
| prod_price | int(11)     | NO   |     | NULL    |       |
| desc_prod  | varchar(255) | NO   |     | NULL    |       |
| quality_prod | varchar(200) | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.023 sec)
```

4. Penghapusan field

```
MariaDB [orderentry]> desc products;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| prod_id    | varchar(10) | NO   | PRI | NULL    |       |
| vend_id    | char(4)     | NO   | MUL | NULL    |       |
| prod_name  | varchar(25) | NO   |     | NULL    |       |
| prod_price | int(11)     | NO   |     | NULL    |       |
| desc_prod  | varchar(255) | NO   |     | NULL    |       |
| quality_prod | varchar(200) | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.023 sec)
```

```
MariaDB [orderentry]> desc products;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| prod_id    | varchar(10) | NO   | PRI | NULL    |       |
| vend_id    | char(4)     | NO   | MUL | NULL    |       |
| prod_name  | varchar(25) | NO   |     | NULL    |       |
| prod_price | int(11)     | NO   |     | NULL    |       |
| desc_prod  | varchar(255) | NO   |     | NULL    |       |
| quality_prod | varchar(200) | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.023 sec)
```

MariaDB [orderentry]> alter table products drop column quality_prod;
 Query OK, 0 rows affected (0.007 sec)
 Records: 0 Duplicates: 0 Warnings: 0

```
MariaDB [orderentry]> alter table products drop column quality_prod;
Query OK, 0 rows affected (0.007 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [orderentry]> desc products;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| prod_id    | varchar(10) | NO   | PRI | NULL    |       |
| vend_id    | char(4)     | NO   | MUL | NULL    |       |
| prod_name  | varchar(25) | NO   |     | NULL    |       |
| prod_price | int(11)     | NO   |     | NULL    |       |
| desc_prod  | varchar(255) | NO   |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.032 sec)
```

5. Pembuatan table baru

MariaDB [orderentry]> show tables;

```
+-----+
| Tables_in_orderentry |
+-----+
| customers            |
| orderitems           |
| orders               |
| productnotes         |
| products             |
| vendors              |
+-----+
6 rows in set (0.001 sec)
```

```
MariaDB [orderentry]> show tables;
+-----+
| Tables_in_orderentry |
+-----+
| customers            |
| orderitems           |
| orders               |
| productnotes         |
| products             |
| vendors              |
+-----+
6 rows in set (0.001 sec)
```

MariaDB [orderentry]> CREATE TABLE contact_customer(
-> id_cust varchar(5) NOT NULL PRIMARY KEY,
-> hp1 VARCHAR(20) NOT NULL,
-> hp2 VARCHAR(20));
Query OK, 0 rows affected (0.012 sec)

```
MariaDB [orderentry]> CREATE TABLE contact_customer(
-> id_cust varchar(5) NOT NULL PRIMARY KEY,
-> hp1 VARCHAR(20) NOT NULL,
-> hp2 VARCHAR(20));
Query OK, 0 rows affected (0.012 sec)

MariaDB [orderentry]> show tables;
+-----+
| Tables_in_orderentry |
+-----+
| contact_customer     |
| customers            |
| orderitems           |
| orders               |
| productnotes         |
| products             |
| vendors              |
+-----+
7 rows in set (0.001 sec)
```