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 MULNULL | 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)

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

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

Field	Type	Null	Key	Default	Extra
prod_id	varchar(10)	NO	PRI	NULL	i
vend_id	char(4)	NO	MUL	NULL	ĺ
prod_name	varchar(25)	l NO		NULL	
prod_price	int(11)	NO NO	1	NULL	
desc_prod	varchar(255)	NO	1	NULL	

2. Perubahan terhadap tipe data

MariaDB [orderentry]> desc products;

```
+----+
            | Null | Key | Default | Extra |
Field
    | Type
+----+
| 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 |
```

Field	Type	Null	Key	Default	Extra
prod_id	varchar(10)	NO	PRI	NULL	i
vend_id	char(4)	NO	MUL	NULL	1
prod_name	varchar(25)	NO	1	NULL	1
prod_price	int(11)	NO	1	NULL	1
desc_prod	varchar(255)	NO		NULL	

MariaDB [orderentry]> alter table products modify desc_prod char (25) not null;

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

3. Penambahan field/kolom

5 rows in set (0.020 sec)

desc_prod

MariaDB [orderentry]> desc products;

char(25)

```
+-----+
| 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)
```

NO

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

Penghapusan field

MariaDB [orderentry]> desc products;

```
+----+
Field
       Type
              | Null | Key | Default | Extra |
+----+
prod_id
       | varchar(10) | NO | PRI | NULL |
               | NO | MUL | NULL
| vend_id
       | char(4)
| 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
                               | Null | Key | Default | Extra
 prod_id
                 varchar(10)
                                               NULL
 vend_id
                 char(4)
                                 NO
                                               NULL
                 varchar(25)
                                              NULL
 prod_name
                                 NO
                 int(11)
                                               NULL
  prod_price
                                 NO
  desc_prod
                 varchar(255)
                                 NO
                                               NULL
                 varchar(200)
                                               NULL
 quality_prod |
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)
  vend_id
                 char(4)
                                  NO
                                                 NULL
                 varchar(25)
                                                 NULL
  prod_name
                                  NO
                 int(11)
                                                 NULL
  prod_price
                                  NO
                 varchar(255)
  desc_prod
                                  NO
                                                 NULL
  rows in set (0.032 sec)
```

5. Pembuatan table baru



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)