

# SQL Practice Questions- ALTER Command

## Pre-requisites :

Create table *products* . Also insert few records into the table.

Please find the SQL queries for the same on next page.



## Create products Table

```
CREATE TABLE products (  
  prod_id char(10) NOT NULL,  
  prod_name char(255) NOT NULL,  
  price decimal(8,2) NOT NULL,  
  quantity int(10),  
  PRIMARY KEY (prod_id)  
);
```

## Insert data into products Table

```
INSERT INTO Products(prod_id, prod_name, price, quantity)  
VALUES('BR01', '8 inch teddy bear', 5.99, 8),  
( 'BR02', '12 inch teddy bear', 8.99,12),  
( 'BR03', '18 inch teddy bear', 11.99, 18),  
( 'BNBG01', 'Fish bean bag toy', 3.49, 7),  
( 'BNBG02', 'Bird bean bag toy', 3.49, 20),  
( 'BNBG03', 'Rabbit bean bag toy', 3.49, 9),  
( 'RGAN01', 'Raggedy Ann', 4.99, 15),  
( 'RYL01', 'King doll', 9.49, 12),  
( 'RYL02', 'Queen doll', 9.49, 26);
```



# Questions

- 1) Add a new column named “*description*” of type VARCHAR(255) to an existing table named products?
- 2) In products table rename “*prod\_id*” column name to “*product\_id*”.
- 3) How can you modify the data type of the “prod\_name” column from char to varchar(25) in the products table?
- 4) Add a constraint to the products table, ensuring that the quantity column contain values less than 10.
- 5) Delete a column named “quantity” from the products table.



# Questions

- 6) Suppose you have a table named products with a column named price. How do you set a default value of '20' for the price column?
- 7) Increase the maximum length of product\_id column from 10 to 15.
- 8) Rename “**products**” table to “*product\_details*”.





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