

Northwind Database

use northwind;

Q.1 Write a query to get Product name and quantity/unit

➤ `SELECT PRODUCTNAME, QUANTITYPERUNIT FROM PRODUCTS;`

Q.2 Write a query to get current Product list (Product ID and name)

➤ `SELECT PRODUCTID, PRODUCTNAME FROM PRODUCTS
WHERE DISCONTINUED = 0;`

Q.3 Write a query to get discontinued Product list (Product ID and name)

➤ `SELECT PRODUCTID, PRODUCTNAME FROM PRODUCTS
WHERE DISCONTINUED = 1;`

Q.4 Write a query to get most expensive and least expensive Product list (name and unit price)

➤ `SELECT ProductName, UnitPrice
FROM Products
ORDER BY UnitPrice DESC;`

Q.5 Write a query to get Product list (id, name, unit price) where current products cost less than \$20

➤ `SELECT PRODUCTID, PRODUCTNAME, UNITPRICE FROM PRODUCTS
WHERE DISCONTINUED = 0
AND UNITPRICE < 20;`

Q.6 Write a query to get Product list (id, name, unit price) where products cost between \$15 and \$25

➤ `SELECT PRODUCTID, PRODUCTNAME, UNITPRICE FROM PRODUCTS
WHERE UNITPRICE BETWEEN 15 AND 25;`

Q.7 Write a query to get Product list (name, unit price) of above average price

```
#SELECT AVG(UNITPRICE) FROM PRODUCTS;
```

```
➤ SELECT PRODUCTNAME, UNITPRICE FROM PRODUCTS
    WHERE UNITPRICE > (SELECT AVG(UNITPRICE) FROM PRODUCTS)
    ORDER BY UNITPRICE;
```

Q.8 Write a query to get Product list (name, unit price) of ten most expensive products

```
➤ SELECT DISTINCT PRODUCTNAME AS TOP_TEN_EXPENSIVE_PRODUCTS, UNITPRICE
    FROM PRODUCTS AS PROA
    WHERE 10 >= (SELECT COUNT(DISTINCT UNITPRICE)
                FROM PRODUCTS AS PROB
                WHERE PROB.UNITPRICE >= PROA.UNITPRICE)
    ORDER BY UNITPRICE DESC;
```

Q.9 Write a query to count current and discontinued products

```
➤ SELECT COUNT(PRODUCTNAME) FROM PRODUCTS
    GROUP BY DISCONTINUED;
```

Q.10 Write a query to get Product list (name, units on order, units in stock) of stock is less than the quantity on order

```
➤ SELECT PRODUCTNAME, UNITSONORDER, UNITSINSTOCK FROM PRODUCTS
    WHERE (((DISCONTINUED)=FALSE) AND (UNITSINSTOCK < UNITSONORDER));
```