**Assignment-1**

**Name: Parmar Bhavik J.**

* **Create Table:**

**QUERY**:

CREATE TABLE products (

product\_id smallint NOT NULL PRIMARY KEY,

product\_name character varying(40) NOT NULL,

supplier\_id smallint,

category\_id smallint,

quantity\_per\_unit character varying(20),

unit\_price real,

units\_in\_stock smallint,

units\_on\_order smallint,

reorder\_level smallint,

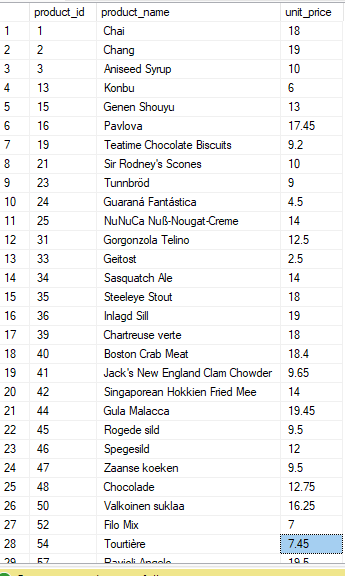
discontinued integer NOT NULL,

);

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

**QUERY:**

SELECT product\_id, product\_name, unit\_price FROM products WHERE unit\_price<20;



* **Write a query to get Product list (id, name, unit price) where products cost between**

**$15 and $25.**

**QUERY:**

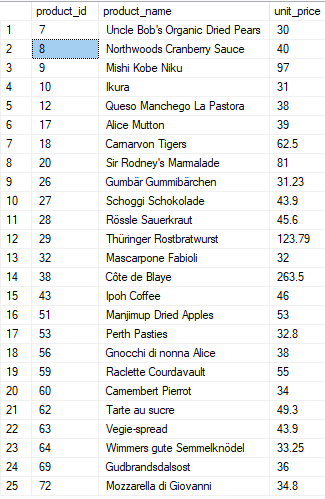
SELECT product\_id, product\_name, unit\_price FROM products WHERE unit\_price BETWEEN 15 AND 25;



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

**QUERY:**

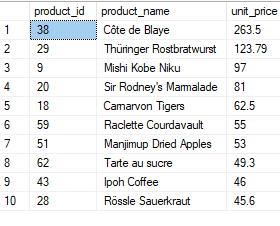
SELECT product\_id, product\_name, unit\_price FROM products WHERE unit\_price>(SELECT AVG(unit\_price) FROM products);



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

**QUERY:**

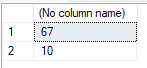
SELECT TOP 10 product\_id, product\_name, unit\_price FROM products ORDER BY unit\_price DESC;



* **Write a query to count current and discontinued products.**

**QUERY:**

SELECT COUNT(product\_id) from products group by discontinued;



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

**QUERY:**

select product\_name, units\_in\_stock, units\_on\_order from products where units\_in\_stock<units\_on\_order;

