**Day 8: Assignment 3:-**

**---------------------------------------------------------------------------------------------------------------------**

**Problem**: write a query to find the product whose category is electronics

* find all the product whose price range is between 5000 and 10000
* display name and price from product table.
* display all the electronic category item which has price more than 2000
* sort the product based on price in descending order.
* sort the product based on name.
* count of product based on category.
* display all the product except electronics category

**Solution**:

**Table creation:**

Create table product

(

Name varchar(30),

Price number(10),

Category varchar(30)

);

* **Find the product whose category is electronics:**

SELECT \*

FROM product

WHERE category = 'electronics';

* **Find all the products whose price range is between 5000 and 10000:**

SELECT \*

FROM product

WHERE price BETWEEN 5000 AND 10000;

* **Display name and price from the product table:**

SELECT name, price

FROM product;

* **Display all the electronic category items which have a price more than 2000:**

SELECT \*

FROM product

WHERE category = 'electronics' AND price > 2000;

* **Sort the products based on price in descending order:**

SELECT \*

FROM product

ORDER BY price DESC;

* **Sort the products based on name:**

SELECT \*

FROM product

ORDER BY name;

* **Count of products based on category:**

SELECT category, COUNT(\*) AS count

FROM product

GROUP BY category;

* **Display all the products except electronics category:**

SELECT \*

FROM product

WHERE category != 'electronics';