**Day 8 Assignment 3**

**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.**

CREATE TABLE product (

product id (10),

name VARCHAR2(30) ,

description (30),

price (10,2),

category VARCHAR2(50),

);

---------------------

describe product ;

------------------

select \* from shop

-------------------

insert into product values(1,'Smartphones', 'Latest smartphones with amazing features', 8999.99,'electronics');

insert into product values(2,'Laptops', 'Powerful laptops for work and play', 12499.00, 'electronics'),

insert into product values(3,'Headphones', 'Noise-canceling headphones for immersive listening', 3499.95, 'electronics'),

insert into product values(4,'T-Shirts', 'Comfortable and stylish t-shirts', 19.99, 'clothing',),

insert into product values(5,'Jeans', 'Durable and fashionable jeans for all occasions', 49.99, 'clothing');

------------

2. Find Electronics Category Products:

SELECT \*

FROM product

WHERE category = 'electronics';

------------------

3. find all the product whose price range is between 5000 and 10000

SELECT name, price

FROM product

WHERE price >= 5000 AND price <= 10000;

-------------------

4. Display Electronics Over 2000 Price (Name and Price):

SELECT name, price

FROM product

WHERE category = 'electronics' AND price > 2000;

---------------------------

5. Sort by Price (Descending):

SELECT \*

FROM product

ORDER BY price DESC;

-----------------------

6. Sort by Name:

SELECT \*

FROM product

ORDER BY name;

----------------------------

7. Count Products by Category:

SELECT category, FROM product

GROUP BY category;

-------------------------

8. Display Products Except Electronics Category:

SELECT \*

FROM product

WHERE category != 'electronics';

=================================================