**Assignment No 8[3]**

**Question:** 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:**

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';