SQL LAB-6
OR Operator

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QUESTIONS

Lab 2:

Database Schema

Use our database Ecommerce to complete the task.

Task: Imagine you are managing an e-commerce platform, and the holiday season is approaching. To capitalize on the festive spirit and boost sales, you decide to organize a special seasonal sale featuring electronics. The goal is to offer discounts on electronics and include products with a price less than rs. 70,000 in the promotion.Write a query to find products from the "product" table that are either in the 'Electronics' category or have a price less than 70000.

Hint: Use Or operator to retrieve product details.

--Create Ecommerce databaase

```
mysql> create database Ecommerce;
Query OK, 1 row affected (0.03 sec)

mysql> -- Use the Ecommerce database
mysql> USE Ecommerce;
Database changed
```

```
mysql> -- Create the product table
mysql> CREATE TABLE product (
    ->      product_id INT PRIMARY KEY,
    ->      product_name VARCHAR(100),
    ->      category VARCHAR(50),
    ->      price DECIMAL(10, 2)
    -> );
Query OK, 0 rows affected (0.13 sec)
```

```
mysql> -- Insert sample data into the product table
mysql> INSERT INTO product (product_id, product_name, category, price)
    -> VALUES
    ->     (1, 'Smartphone', 'Electronics', 65000.00),
    ->     (2, 'Laptop', 'Electronics', 80000.00),
    ->     (3, 'Refrigerator', 'Appliances', 45000.00),
    ->     (4, 'Washing Machine', 'Appliances', 30000.00),
    ->     (5, 'Television', 'Electronics', 55000.00),
    ->     (6, 'Headphones', 'Electronics', 1500.00),
    ->     (7, 'Microwave', 'Appliances', 7000.00),
    ->     (8, 'Smartwatch', 'Electronics', 5000.00),
    ->     (9, 'Camera', 'Electronics', 72000.00),
    ->     (10, 'Blender', 'Kitchen', 3000.00);
Query OK, 10 rows affected (0.03 sec)
Records: 10  Duplicates: 0  Warnings: 0
```

Code & Output:-

```
mysql> -- Retrieve products that are either in the 'Electronics' category or have a price less than 70,000
mysql> Select * From product Where category = 'Electronics' OR price < 70000;
+------------+-----------------+-------------+----------+
| product_id | product_name    | category    | price    |
+------------+-----------------+-------------+----------+
|          1 | Smartphone      | Electronics | 65000.00 |
|          2 | Laptop          | Electronics | 80000.00 |
|          3 | Refrigerator    | Appliances  | 45000.00 |
|          4 | Washing Machine | Appliances  | 30000.00 |
|          5 | Television      | Electronics | 55000.00 |
|          6 | Headphones      | Electronics |  1500.00 |
|          7 | Microwave       | Appliances  |  7000.00 |
|          8 | Smartwatch      | Electronics |  5000.00 |
|          9 | Camera          | Electronics | 72000.00 |
|         10 | Blender         | Kitchen     |  3000.00 |
+------------+-----------------+-------------+----------+
10 rows in set (0.00 sec)
```