create database sample1;

use demo1;

CREATE TABLE products (

product\_id INT PRIMARY KEY,

product\_name VARCHAR(300),

product\_qty INT,

price DECIMAL(10, 2)

);

INSERT INTO products (product\_id, product\_name, product\_qty, price)

VALUES

(1, 'Laptop', 10, 799.99),

(2, 'Smartphone', 25, 599.99),

(3, 'Headphones', 50, 99.99),

(4, 'Smartwatch', 30, 199.99),

(5, 'Tablet', 15, 399.99),

(6, 'Bluetooth Speaker', 60, 49.99),

(7, 'Monitor', 12, 249.99),

(8, 'Keyboard', 100, 29.99),

(9, 'Mouse', 200, 19.99),

(10, 'External Hard Drive', 35, 89.99),

(11, 'Webcam', 25, 59.99),

(12, 'Charger', 150, 24.99),

(13, 'USB Cable', 500, 9.99),

(14, 'Router', 40, 129.99),

(15, 'Printer', 10, 149.99);

CREATE TABLE employees (

employee\_id INT PRIMARY KEY,

employee\_name VARCHAR(255),

designation VARCHAR(255),

salary DECIMAL(10, 2)

);

INSERT INTO employees (employee\_id, employee\_name, designation, salary)

VALUES

(1, 'mukesh', 'Software Engineer', 75000.00),

(2, 'saran', 'Product Manager', 95000.00),

(3, 'bharath', 'HR Manager', 80000.00),

(4, 'chandru', 'Senior Developer', 85000.00),

(5, 'sharan', 'Marketing Specialist', 70000.00),

(6, 'subash', 'Product Designer', 78000.00),

(7, 'janani', 'UI/UX Designer', 70000.00),

(8, 'sandhiya', 'DevOps Engineer', 95000.00),

(9, 'vaish', 'QA Engineer', 65000.00),

(10, 'balaji', 'Project Manager', 105000.00),

(11, 'akash', 'Graphic Designer', 67000.00),

(12, 'abi', 'Frontend Developer', 80000.00),

(13, 'shanu', 'Backend Developer', 85000.00),

(14, 'amalya', 'Data Scientist', 105000.00),

(15, 'kiruba', 'Operations Manager', 90000.00);

use demo1;

SELECT

product\_id,

product\_name,

product\_qty,

price,

CASE

WHEN price > 100 THEN 'Expensive'

WHEN price <= 100 AND price >= 50 THEN 'Affordable'

WHEN price < 50 THEN 'Cheap'

ELSE 'Unknown'

END AS price\_category

FROM products;

SELECT

employee\_id,

employee\_name,

designation,

salary,

CASE

WHEN salary > 100000 THEN 'High Paying'

WHEN salary <= 10000 AND salary >= 70000 THEN 'Affordable'

WHEN salary < 70000 THEN 'Low Paying'

ELSE 'Unknown'

END AS salary\_category

FROM employees;

create table student\_info (student\_name varchar(20),marks int);

insert into student\_info value ('pK',80);

select \* from student\_info where marks > 70;

select \* from student\_info;

DELIMITER &&

CREATE PROCEDURE get\_merit\_student()

BEGIN

SELECT \* FROM student\_info WHERE marks > 70;

SELECT COUNT (student\_name) AS total\_student FROM student\_info;

END &&

CALL get\_merit\_student();