CREATE DATABASE gb\_seminar2;

USE gb\_seminar2;

CREATE TABLE sales (

    id INT,

    order\_date Date NOT NULL,

    bucket VARCHAR(50)

    );

INSERT INTO sales (id, order\_date, bucket) VALUES (

    1, "2021-01-01", "101 to 300"

    );

INSERT INTO sales (id, order\_date, bucket) VALUES (

    1, "2021-01-02", "101 to 300"

    );

INSERT INTO sales (id, order\_date, bucket) VALUES (

    1, "2021-01-03", "less than equal to 100"

    );

INSERT INTO sales (id, order\_date, bucket) VALUES (

    1, "2021-01-04", "101 to 300"

    );

INSERT INTO sales (id, order\_date, bucket) VALUES (

    1, "2021-01-05", "greater than 300"

    );

SELECT \* FROM sales

    WHERE bucket LIKE '%less%';

SELECT \* FROM sales

    WHERE bucket LIKE '%101%';

SELECT \* FROM sales

    WHERE bucket LIKE “%greater%';

CREATE TABLE orders (

    ordreid INT PRIMARY KEY AUTO\_INCREMENT,

    employeeid VARCHAR(3) NOT NULL,

    amount DECIMAL(5,2) NOT NULL,

    orderstatus VARCHAR(10) NOT NULL

    );

INSERT INTO orders (employeeid, amount, orderstatus) VALUES (

    "e03", 15.00, "OPEN");

INSERT INTO orders (employeeid, amount, orderstatus) VALUES (

    "e01", 25.50, "OPEN");

INSERT INTO orders (employeeid, amount, orderstatus) VALUES (

    "e05", 100.70, "CLOSED");

INSERT INTO orders (employeeid, amount, orderstatus) VALUES (

    "e02", 22.18, "OPEN");

INSERT INTO orders (employeeid, amount, orderstatus) VALUES (

    "e04", 9.50, "CANCELLED");

INSERT INTO orders (employeeid, amount, orderstatus) VALUES (

    "e04", 99.99, "OPEN");

SELECT ordreid, orderstatus,

    CASE

    WHEN orderstatus = "OPEN"

    THEN "Order is in open state."

    WHEN orderstatus = "CLOSED"

    THEN "Order is closed."

    ELSE "Order is cancelled."

    END AS order\_summary

    FROM orders;