-------------------------------------------------------------------------------------------------------------------------- Assignment 2 : Retrieve data using join with where clause -------------------------------------------------------------------------------------------------------------------------- Sample table1: salesman

-salesman\_id

-name -city

-commission

-- Sample table2: customer

-customer\_id

-cust\_name

-city

-grade -salesman\_id

-- Sample table3: orders

-ord\_no

-purch\_amt

-ord\_date

-customer\_id

-salesman\_id

CREATE DATABASE Company\_db;

USE Company\_db;

CREATE TABLE salesman(

Salesman\_id int IDENTITY(1,1) PRIMARY KEY,

Full\_name varchar(50) DEFAULT 'anonymous',

City varchar(50) DEFAULT 'ahmedabad',

Commission decimal(5,2) DEFAULT 20

);

SELECT \* FROM salesman;

CREATE TABLE customer(

Customer\_id int IDENTITY(1,1) PRIMARY KEY,

Cust\_name varchar(50) DEFAULT 'anonymous',

City varchar(50) DEFAULT 'ahmedabad',

Grade int,

Salesman\_id int FOREIGN KEY REFERENCES salesman(Salesman\_id)

);

SELECT \* FROM customer;

CREATE TABLE orders (

Ord\_no int IDENTITY(1,1) PRIMARY KEY,

Purch\_amt decimal(5,2),

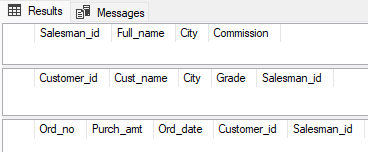
Ord\_date date,

Customer\_id int FOREIGN KEY REFERENCES customer(Customer\_id),

Salesman\_id int FOREIGN KEY REFERENCES salesman(Salesman\_id)

);

SELECT \* FROM orders;



INSERT INTO salesman ( Full\_name, Commission)

VALUES ('Person1',10),

('Person4',20),

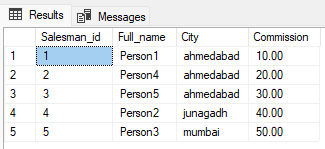
('Person5',30);

INSERT INTO salesman ( Full\_name, City,Commission)

VALUES ('Person2','junagadh',40),

('Person3','mumbai',50);

SELECT \* FROM salesman;



INSERT INTO customer ( CUST\_name, City,grade, Salesman\_id)

VALUES ('CUST1','ahmedabad',400,1),

('CUST2','mumbai',500,5),

('CUST3','ahmedabad',100,1),

('CUST4','kolkata',200,3),

('CUST5','ahmedabad',400,1),

('CUST6','junagadh',300,5),

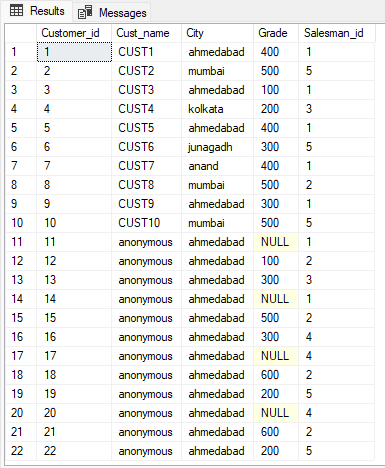
('CUST7','anand',400,1),

('CUST8','mumbai',500,2),

('CUST9','ahmedabad',300,1),

('CUST10','mumbai',500,5);

INSERT INTO customer ( grade, Salesman\_id)

VALUES (NULL,1),

(100,2),

(300,3),

(NULL,1),

(500,2),

(300,4),

(NULL,4),

(600,2),

(200,5),

(NULL,4),

(600,2),

(200,5);

SELECT \* FROM customer;

INSERT INTO orders( Purch\_amt, Ord\_date, Customer\_id, Salesman\_id)

VALUES (200.00 ,'2023-01-01',22,5),

(1200.00,'2023-01-01',22,4),

(2200.00,'2023-01-02',22,5),

(2050.00,'2023-01-02',22,3),

(2005.00,'2023-01-03',22,1),

(7200.00,'2023-01-04',22,2),

(2900.00,'2023-01-05',22,2),

(2000.00,'2023-01-05',22,5),

(200.00 ,'2023-01-05',22,3),

(100.00 ,'2023-01-06',22,3),

(2200.00,'2023-01-07',22,5),

(200.00 ,'2023-01-08',22,1),

(2030.00,'2023-01-09',22,1),

(4200.00,'2023-01-10',22,1),

(9200.00,'2023-01-10',22,4),

(1000.00,'2023-01-11',22,5),

(800.00 ,'2023-01-12',22,5),

(3000.00,'2023-01-12',22,2),

(20.00 ,'2023-01-12',22,4),

(100.00 ,'2023-01-12',22,3),

(300.00 ,'2023-01-13',22,2),

(2000.00,'2023-01-13',22,3),

(600.00 ,'2023-01-13',22,1);

SELECT \* FROM orders;