DROP TABLE SALESMAN CASCADE CONSTRAINTS;

DROP TABLE CUSTOMER CASCADE CONSTRAINTS;

-- q1) CREATE & INSERT SECTION

CREATE TABLE SALESMAN

(

salesman\_id NUMBER(4) NOT NULL,

name VARCHAR2(30) NOT NULL ,

city VARCHAR2(30) NULL,

comission NUMBER NULL,

CONSTRAINT salesman\_pk PRIMARY KEY(salesman\_id)

);

CREATE TABLE CUSTOMER(

customer\_id NUMBER(4) NOT NULL,

cust\_name VARCHAR2(30) NOT NULL,

city VARCHAR2(30) NULL,

grade NUMBER(3) NULL,

salesman\_id NUMBER(4) NOT NULL,

CONSTRAINT customer\_pk PRIMARY KEY(customer\_id),

CONSTRAINT customer\_salesman\_fk FOREIGN KEY(salesman\_id) REFERENCES SALESMAN(salesman\_id)

);

INSERT INTO SALESMAN VALUES(5001, 'James Hoog', 'New York', 0.15);

INSERT INTO SALESMAN VALUES(5002, 'Nail Knite', 'Paris', 0.13);

INSERT INTO SALESMAN VALUES(5005, 'Pit Alex', 'London', 0.11);

INSERT INTO SALESMAN VALUES(5006, 'Mc Lyon', 'Paris', 0.14);

INSERT INTO SALESMAN VALUES(5007, 'Paul Adam', 'Rome', 0.13);

INSERT INTO SALESMAN VALUES(5003, 'Lauson Hen', 'San Jose', 0.12);

INSERT INTO CUSTOMER VALUES(3002, 'Nick Rimando', 'New York', 100, 5001);

INSERT INTO CUSTOMER VALUES(3007, 'Brad Davis', 'New York', 200, 5001);

INSERT INTO CUSTOMER VALUES(3005, 'Graham Zusi', 'California', 100, 5002);

INSERT INTO CUSTOMER VALUES(3008, 'Julian Green', 'London', 100, 5002);

INSERT INTO CUSTOMER VALUES(3004, 'Fabian Johnson', 'Paris', 100, 5006);

INSERT INTO CUSTOMER VALUES(3009, 'Geoff Cameron', 'Berlin', 100, 5003);

INSERT INTO CUSTOMER VALUES(3003, 'Jozy Altidor', 'Moscou', 100, 5007);

-- q2) SELECT QUERIES:

-- a.

SELECT \* FROM SALESMAN;

-- SELECT \* FROM CUSTOMER;

-- b.

SELECT 'name', 'grade' FROM CUSTOMER;

-- c.

SELECT \* FROM SALESMAN WHERE salesman\_id = 5007;

-- d.

SELECT \* FROM CUSTOMER WHERE city='New York';

-- e.

SELECT \* FROM CUSTOMER WHERE grade BETWEEN 100 AND 200;

-- f.

SELECT \* FROM CUSTOMER WHERE cust\_name LIKE 'J%';

-- g.

SELECT comission\*5000 AS multi\_comission FROM SALESMAN;

-- h.

SELECT 'cust\_name' FROM CUSTOMER WHERE grade > 200;

-- i.

SELECT \* FROM CUSTOMER WHERE grade > 200 AND city = 'London';

-- j.

SELECT \* FROM SALESMAN WHERE city = 'New York' OR city = 'Paris';

-- q3) JOIN QUERIES:

-- 1.

SELECT \* FROM CUSTOMER INNER JOIN SALESMAN ON 'cust\_name' = 'name';

-- 2.

SELECT \* FROM CUSTOMER INNER JOIN SALESMAN ON CUSTOMER.city = SALESMAN.city;

-- 3.

SELECT \* FROM CUSTOMER INNER JOIN SALESMAN ON 'cust\_name' = 'name' AND CUSTOMER.grade > 300 AND CUSTOMER.city = 'London';