**Consider the following schema for Order Database:**

SALESMAN (*Salesman\_id, Name, City, Commission*)

CUSTOMER­­1(*Customer\_id, Cust\_Name, City, Grade, Salesman\_id*)

ORDERS (*Ord\_No, Purchase\_Amt, Ord\_Date, Customer\_id, Salesman\_id*)

**Write SQL queries to**

**1. Count the customers with grades above Bangalore’s average.**

**2. Find the name and numbers of all salesmen who had more than one customer.**

**3: Write an sql query with salesman id, name, customer name from same city , salesman.commission. For salesman having no customer from their city print 'No Match' .At last order all by their descending name of salesman name.**

**4. Create a view that finds the salesman who has the customer with the highest order of a day.**

**5. Demonstrate the DELETE operation by removing salesman with id 1000. All his orders must also be deleted.**

**Table Creation**

CREATE TABLE SALESMAN

(SALESMAN\_ID INT(4),

NAME VARCHAR(20),

CITY VARCHAR(20),

COMMISSION VARCHAR(20),

PRIMARY KEY (SALESMAN\_ID));

CREATE TABLE CUSTOMER1

(CUSTOMER\_ID INT(4),

CUST\_NAME VARCHAR (20),

CITY VARCHAR (20),

GRADE int (3),

PRIMARY KEY (CUSTOMER\_ID),

SALESMAN\_ID INT(4) REFERENCES SALESMAN (SALESMAN\_ID) ON DELETE SET NULL);

CREATE TABLE ORDERS

(ORD\_NO int (5),

PURCHASE\_AMT DECIMAL(10,2),

ORD\_DATE DATE,

PRIMARY KEY (ORD\_NO),

CUSTOMER\_ID INT(4) REFERENCES CUSTOMER1 (CUSTOMER\_ID) ON DELETE CASCADE,

SALESMAN\_ID INT(4) REFERENCES SALESMAN (SALESMAN\_ID) ON DELETE CASCADE);

**Insertion of Values to Tables**

INSERT INTO SALESMAN VALUES (1000, "JOHN","BANGALORE","25 %");

INSERT INTO SALESMAN VALUES (2000, "RAVI","BANGALORE","20 %");

INSERT INTO SALESMAN VALUES (3000, "KUMAR","MYSORE","15 %");

INSERT INTO SALESMAN VALUES (4000, "SMITH","DELHI","30 %");

INSERT INTO SALESMAN VALUES (5000, "HARSHA","HYDRABAD","15%");

INSERT INTO CUSTOMER1 VALUES (10, "PREETHI","BANGALORE", 100, 1000);

INSERT INTO CUSTOMER1 VALUES (11, "VIVEK","MANGALORE", 300, 1000);

INSERT INTO CUSTOMER1 VALUES (12, "BHASKAR","CHENNAI", 400, 2000);

INSERT INTO CUSTOMER1 VALUES (13, "CHETHAN","BANGALORE", 200, 2000);

INSERT INTO CUSTOMER1 VALUES (14, "MAMATHA","BANGALORE", 400, 3000);

INSERT INTO ORDERS VALUES (50, 5000, "04-03-17", 10, 1000);

INSERT INTO ORDERS VALUES (51, 450, "20-01-17", 10, 2000);

INSERT INTO ORDERS VALUES (52, 1000, "24-02-17", 13, 2000);

INSERT INTO ORDERS VALUES (53, 3500, "13-04-17", 14, 3000);

INSERT INTO ORDERS VALUES (54, 550, "09-03-17", 12, 2000);