/\*Practice for every thing learnt in SQL\*/

/\*Create new data base\*/

/\*then type use (database\_name)\*/

/\*Customer Table creation:- \*/

/\*Creation of Customer Table\*/

CREATE TABLE customer (

customer\_id INT NOT NULL PRIMARY KEY,

FirstName VARCHAR(30),

LastName VARCHAR(30),

BirthDay DATE,

PhoneNumber INT,

EmailID VARCHAR(50)

);

/\*Address Table Creation :-\*/

/\* customer\_id declared as foreign key in the last column specification\*/

CREATE TABLE customer\_address (

customer\_id INT NOT NULL,

full\_address VARCHAR(250),

CONSTRAINT pk\_cust\_add Primary key(customer\_id, full\_address),

CONSTRAINT fk\_cust\_add FOREIGN KEY(customer\_id)

REFERENCES customer(customer\_id)

);

/\* ADD new column to address table\*/

ALTER TABLE customer\_address

ADD Column occupancy\_status BOOLEAN DEFAULT 1;

/\*DELETE a column from customer\_address\*/

ALTER TABLE customer\_address

DROP COLUMN occupancy\_status;

Describe customer\_address;(there is no data in table yet now so describe)

/\*Modifying Customer Table now \*/

set foreign\_key\_checks = 0;

ALTER TABLE customer

MODIFY customer\_id INT UNSIGNED AUTO\_INCREMENT;

set foreign\_key\_checks = 1;­­­­­

/\*DATA INSERTION STATEMENTS\*/

/\* INSERTING DATA IN Customer Table \*/

/\*DATA INSERTION STATEMENTS\*/

/\*DATA INSERTION STATEMENTS\*/

/\* INSERTING DATA IN Customer Table \*/

INSERT INTO customer(customer\_id, FirstName, LastName, BirthDay, PhoneNumber, EmailID)

VALUES(1,"Achishhek", "Singh", '1987-11-21', 877676768, "rafdn@gmail.com"),

(2,"Bina", "Rachel", '1987-10-21', 877676767,"afdn@gmail.com"),

(3,"Camela","squars", '1987-10-22',91194227, "adn@gmail.com"),

(4, "Dino", "Jha",'1987-10-22',989119422,"adn@gmail.com"),

(5, "Emily", "Ground",'1989-12-22',91194227,"bdn@gmail.com"),

(6, "Fergie", "Rachel",'1919-12-22',91194227,"cdn@gmail.com"),

(7, "Eddi", "Guerrero",'1980-10-22',91194227,"edn@gmail.com"),

(8, "Jack", "Mysterious",'1980-10-22',null, "jdn@gmail.com");

/\*Updating the PhoneNumber Data in Customer Table\*/

UPDATE customer

SET PhoneNumber = 91194225

Where customer\_id = 8

/\*INSERTING DATA IN ADDRESS Table \*/

INSERT INTO customer\_address(customer\_id, full\_address )

VALUES(1,"India, Arunachal Pradesh , Mizoam, Magun puram society, siddhi tower Flat no 1218"),

(2,"India, Madhya Pradesh , Bombay, guru ghantal society, riddhi Flat no 12233"),

(3,"India, West Benagal , Calculta, Bhattacharya society, riddhi Flat no 12233"),

(3,"America, South Amptan , California, Indian society, peterson tower, Flat no 12233"),

(4,"America, New jersy , Albania, Indian society, tom lathman tower, Flat no 12233"),

(5,"South Africa, west verginia , California, Indian society, timba babuma tower, Flat no 12233"),

(6,"West inies, Carraibian , coconut beach, Indian society, Brain lara tower, Flat no 12233"),

(7,"West indies, new port , coconut beach, Indian society, Ambrose tower, Flat no 12233"),

(8,"West indies, new port , coconut beach, Indian society, Ambrose tower, Flat no 12233"),

(8,"West indies, Carrabian Islands , sunset beach, Indian society, Ambrose tower, Flat no 12233"),

(1,"nglland, rrabian Islands , sunrise beach, Indian society, peterson tower, Flat no 12233"),

(2,"nglland, Carrabian Islands , midsun beach, Indian society, Ambrose tower, Flat no 12233"),

(2,"ustralia, Syndney , ponting road, Indian society, hayden tower, Flat no 12233"),

(4,"ustralia, Syndney , hayden road, Indian society, hayden tower, Flat no 12233"),

(5,"ustralia, Syndney , ponting road, Indian society, hayden tower, Flat no 12233");

/\*Query1)\*/

SELECT customer\_id, FirstName, LastName, PhoneNumber

FROM customer

/\*Query2)\*/

SELECT CONCAT(c.firstName, c.lastName) NAME,ca.full\_address

FROM customer c INNER join customer\_address ca on c.customer\_id = ca.customer\_id

order by c.customer\_id;

note—even-though order by clause is not mentioned explicitly the result appears sorted by the 1st column