**Assignment-1(Week-2)**

1)Ans:

CREATE TABLE Customer

(CustNo VARCHAR(8) NOT NULL,

CustName VARCHAR(30) NOT NULL,

Address VARCHAR(50) NOT NULL,

Internal CHAR(1) NOT NULL,

Contact VARCHAR(35) NOT NULL,

Phone VARCHAR(11) NOT NULL,

City VARCHAR(30) NOT NULL,

State VARCHAR(2) NOT NULL,

Zip VARCHAR(10) NOT NULL,

CONSTRAINT pk\_customer PRIMARY KEY (CustNo)) ;

2) Ans:

CREATE TABLE Facility

(FacNo VARCHAR(8) NOT NULL,

FacName VARCHAR(30) NOT NULL,

CONSTRAINT pk\_facility PRIMARY KEY (FacNo));

3) Ans:

CREATE TABLE Location

(LocNo VARCHAR(8) NOT NULL,

FacNo VARCHAR(8),

LocName VARCHAR(30) NOT NULL,

CONSTRAINT pk\_location PRIMARY KEY (LocNo));

4)Ans:

1-M Relationship between Facility and location table.

5) Ans:

CREATE TABLE Location

(LocNo VARCHAR(8) NOT NULL,

FacNo VARCHAR(8),

LocName VARCHAR(30) NOT NULL,

CONSTRAINT pk\_location PRIMARY KEY (LocNo),

CONSTRAINT fk\_facno FOREIGN KEY (FacNo)

REFERENCES FACILITY (FacNo) );

6)Ans:

CREATE TABLE Location

(LocNo VARCHAR(8) NOT NULL,

FacNo VARCHAR(8) NOT NULL,

LocName VARCHAR(30) NOT NULL,

CONSTRAINT pk\_location PRIMARY KEY (LocNo),

CONSTRAINT fk\_facno FOREIGN KEY (FacNo)

REFERENCES FACILITY (FacNo) );

7)Ans:

CREATE TABLE Facility

(FacNo VARCHAR(8) NOT NULL,

FacName VARCHAR(30) NOT NULL,

CONSTRAINT pk\_facility PRIMARY KEY (FacNo)

CONSTRAINT Unique\_FacName UNIQUE(FacName));