**Create Database:**

Create database Company;

**Table schema:**

create table Employee

(Fname varchar(10) not null,

Minit int,

Lname varchar(10) not null,

Ssn int,

Bdate date not null,

Address varchar(50),

Sex varchar(5),

Salary int,

Super\_ssn int,

Dno int,

primary key (Ssn),

FOREIGN key (Super\_ssn) REFERENCES Employee(Ssn));

**Employee table:**



**Department Table:**

create table department

(Dname varchar(10),

Dnumber int,

Mgr\_ssn int,

Mgr\_ssn\_date date,

primary key(Dnumber),

foreign key (Mgr\_ssn) references Employee(Ssn) );



**Dept\_location:**

create table Dept\_location

(Dnumber int,

Dlocation varchar(50),

primary key (Dnumber,Dlocation),

foreign key (Dnumber) references department(Dnumber));



**Project**

create table project

(Pname varchar(10),

Pnumber int primary key,

Plocation varchar(50),

Dnum int,

foreign key (Dnum) references department(Dnumber));



**Works\_on**

create table works\_on

(Essn int ,

Pno int ,

hours int,

primary key(Essn,Pno),

foreign key (Essn) REFERENCES employee(Ssn),

foreign key(Pno) references project(Pnumber));



**Dependent**

Create table dependent

(Essn int,

Dependent\_name varchar(10),

Sex varchar(5),

Bdate date,

Relationship varchar(10),

primary key(Essn, Dependent\_name),

FOREIGN key (Essn) references employee(Ssn));

