CREATE DATABASE INSTITUTION

USE INSTITUTION

CREATE TABLE Employee (

SSN INT PRIMARY KEY,

FName VARCHAR (30) NOT NULL,

LName VARCHAR (30) NOT NULL,

Gender VARCHAR (20),

Birthdate DATE,

DNum INT,

SuperID INT,

FOREIGN KEY (SuperID) REFERENCES Employee (SSN)

);

SELECT \* FROM Employee

CREATE TABLE Department (

DNum INT PRIMARY KEY,

DName VARCHAR (50) NOT NULL,

ManagerSSN INT,

HIRE\_DATE DATE,

FOREIGN KEY (ManagerSSN) REFERENCES Employee (SSN),

);

SELECT \* FROM Department

CREATE TABLE Locations (

DNum INT,

LocationName VARCHAR (50),

primary key (DNum, LocationName),

FOREIGN KEY (DNum) REFERENCES Department (DNum)

);

SELECT \* FROM Locations

CREATE TABLE Dependant (

DName VARCHAR (20),

Gender VARCHAR (20),

Birthdate Date,

SSN INT,

FOREIGN KEY (SSN) REFERENCES Employee (SSN),

PRIMARY KEY (DName, SSN)

);

SELECT \* FROM Dependant

CREATE TABLE Project (

PNum INT PRIMARY KEY,

PName VARCHAR (20) NOT NULL,

City VARCHAR (20),

LocationS VARCHAR (30),

DNum INT,

FOREIGN KEY (DNum) REFERENCES Department (DNum),

);

SELECT \* FROM Project

CREATE TABLE Work (

SSN INT,

PNum INT,

WORKING\_HOURS INT,

FOREIGN KEY (SSN) REFERENCES Employee (SSN),

FOREIGN KEY (PNum) REFERENCES Project (PNum),

);

SELECT \* FROM Work