CREATE TABLE DEPARTMENT (

DepartmentName Char(35) NOT NULL,

BudgetCode Char(30) NOT NULL,

OfficeNumber Char(15) NOT NULL,

DepartmentPhone Char(12) NOT NULL,

CONSTRAINT DEPARTMENT\_PK PRIMARY KEY (DepartmentName)

} ;

CREATE TABLE EMPLOYEE (

EmployeeNumber Int NOT NULL AUTO\_INCREMENT,

FirstName Char(25) NOT NULL,

LastName Char(25) NOT NULL,

Department Char(35) NOT NULL DEFAULT 'Human Resources',

Position Char(35) NULL,

Supervisor Int NULL,

OfficePhone Char(12) NULL,

EmailAddress VarChar(100) NOT NULL UNIQUE,

CONSTRAINT EMPLOYEE\_PK PRIMARY KEY (EmployeeNumber),

CONSTRAINT EMP\_DEPART\_FK FOREIGN KEY (DepartmentName)

REFERENCES DEPARTMENT (DepartmentName)

ON UPDATE CASCADE,

CONSTRAINT EMP\_SUPER\_FK fOREIGN KETT (Supervisor)

REFERENCES EMPLOYEE (EmployeeNumber)

};

CREATE TABLE PROJECT (

ProjectID Int NOT NULL,

ProjecteNumber Char(50) NOT NULL,

Deparment Char(35) NOT NULL,

MaxHours Numeric(8,2) NOT NULL DEFAULT 100,

StartDate Date NULL,

EndDate Date NULL,

CONSTRAINT PROJECT\_PK PRIMARY KEY (ProjectID),

CONSTRAINT PROJ\_DEPART\_FK FOREIGN KEY (Dempartment)

REFERENCES DEPARTMENT (DepartmentName)

ON UPDATE CASCADE

};

CREATE TABLE ASSIGMENT (

ProjectID Int NOT NULL,

EmployeeNumber Int NOT NULL,

HoursWorked Numeric (6,2) NULL<

CONSTRAINT ASSIGNMENT\_PK PRIMARY KEY (ProjectId, EmplyeeNumber),

CONSTRAINT ASSIGN\_PROJ\_FK FOREIGN KEY (ProjectID)

REFERENCES PROJECT (ProjectID)

ON UPDATE NO ACTION

ON DELETE CASCADE,

CONSTRAINT ASSIGN\_EMP\_FK FOREIGN KEY (EmployeeNumber)

REFERENCE EMPLOYEE (EmployeeNumber)

ON UPDATE NO ACTION

ON DELETE NO ACTION

};

--1. Display all the fields from the DEPARTMENT table. Use wildcard character for field names.

SELECT \* FROM dbo.DEPARTMENT;

--2. Display all the fields from the ASSIGNMENT table. Use wildcard character for field names.

SELECT \* FROM dbo.ASSIGNMENT;

--3. Display all the fields from the EMPLOYEE table. Use wildcard character for field names.

SELECT \* FROM dbo.EMPLOYEE;

--4. Display all the fields from the PROJECT table. Use wildcard character for field names.

SELECT \* FROM dbo.PROJECT;