



Home assignment

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CREATE DATABASE CompanyDB;

USE CompanyDB;

CREATE TABLE Employee (

EmployeeID INT PRIMARY KEY,

EmployeeNumber INT NOT NULL,

EmployeeName VARCHAR(50) NOT NULL

);

CREATE TABLE Supervisor (

SupervisorID INT PRIMARY KEY,

SupervisorNumber INT NOT NULL,

SupervisorName VARCHAR(50) NOT NULL,

EmployeeID INT NOT NULL,

FOREIGN KEY (EmployeeID) REFERENCES Employee (EmployeeID)

);

CREATE TABLE Project (

ProjectID INT PRIMARY KEY,

ProjectNumber INT NOT NULL,

ProjectName VARCHAR(50) NOT NULL

);

```
CREATE TABLE Department (  
    DepartmentID INT PRIMARY KEY,  
    DepartmentName VARCHAR(50) NOT NULL,  
    SupervisorID INT NOT NULL,  
    ProjectID INT NOT NULL,  
    FOREIGN KEY (SupervisorID) REFERENCES Supervisor (SupervisorID),  
    FOREIGN KEY (ProjectID) REFERENCES Project (ProjectID)  
);
```

```
CREATE TABLE Assignment (  
    EmployeeID INT NOT NULL,  
    ProjectID INT NOT NULL,  
    FOREIGN KEY (EmployeeID) REFERENCES Employee (EmployeeID),  
    FOREIGN KEY (ProjectID) REFERENCES Project (ProjectID)
```

);

