

USE BUDT703\_Project\_0501\_05

```
DROP TABLE IF EXISTS [Wellness.Record];
DROP TABLE IF EXISTS [Wellness.Perform];
DROP TABLE IF EXISTS [Wellness.Payment];
DROP TABLE IF EXISTS [Wellness.Testing];
DROP TABLE IF EXISTS [Wellness.Vaccination];
DROP TABLE IF EXISTS [Wellness.Student];
DROP TABLE IF EXISTS [Wellness.Employee];
```

```
CREATE TABLE [Wellness.Employee] (
empId CHAR(10) NOT NULL,
empFirstName VARCHAR(20),
empLastName VARCHAR(20),
empGender CHAR(1),
empType VARCHAR(20),
empInsurance VARCHAR(20),
CONSTRAINT pk_Employee_empId PRIMARY KEY (empId))
```

```
CREATE TABLE [Wellness.Student] (
stuId CHAR(10) NOT NULL,
stuFirstName VARCHAR(20),
stuLastName VARCHAR(20),
stuLocation VARCHAR(30),
stuEmail VARCHAR(50),
stuGender CHAR(1),
stuCourse VARCHAR(30),
stuInsurance VARCHAR(20),
stuDOB DATE,
CONSTRAINT pk_Student_stuId PRIMARY KEY (stuId))
```

```
CREATE TABLE [Wellness.Vaccination] (
vacId CHAR(10) NOT NULL,
vacType VARCHAR(30),
vacDate DATE,
vacStatus VARCHAR(30),
vacCost NUMERIC,
CONSTRAINT pk_Vaccination_vacId PRIMARY KEY (vacId) )
```

```
CREATE TABLE [Wellness.Testing] (
tstId CHAR(10) NOT NULL,
tstDate DATE,
tstType VARCHAR(30),
tstResult VARCHAR(20),
tstCost NUMERIC,
CONSTRAINT pk_Testing_tstId PRIMARY KEY (tstId))
```

```
CREATE TABLE [Wellness.Payment] (
pmtId CHAR(10) NOT NULL ,
pmtDate DATE,
vacId CHAR(10),
tstId CHAR(10),
CONSTRAINT pk_Payment_pmtId PRIMARY KEY (pmtId),
CONSTRAINT fk_Payment_vacId FOREIGN KEY (vacId)
REFERENCES [Wellness.Vaccination] (vacId)
ON DELETE NO ACTION ON UPDATE CASCADE,
```

```
CONSTRAINT fk_Payment_tstId FOREIGN KEY (tstId)
REFERENCES [Wellness.Testing] (tstId)
ON DELETE NO ACTION ON UPDATE CASCADE )
```

```
CREATE TABLE [Wellness.Perform] (
tstId CHAR(10) NOT NULL,
stuId CHAR(10),
empId CHAR(10),
CONSTRAINT pk_Perform_tstId PRIMARY KEY (tstId),
CONSTRAINT fk_Perform_tstId FOREIGN KEY (tstId)
REFERENCES [Wellness.Testing] (tstId)
ON DELETE CASCADE ON UPDATE CASCADE,
CONSTRAINT fk_Perform_stuId FOREIGN KEY (stuId)
REFERENCES [Wellness.Student] (stuId)
ON DELETE NO ACTION ON UPDATE NO ACTION,
CONSTRAINT fk_Perform_empId FOREIGN KEY (empId)
REFERENCES [Wellness.Employee] (empId)
ON DELETE NO ACTION ON UPDATE NO ACTION )
```

```
CREATE TABLE [Wellness.Record] (
vacId CHAR(10) NOT NULL,
stuId CHAR(10) NOT NULL,
empId CHAR(10),
CONSTRAINT pk_Record_vacId PRIMARY KEY (vacId),
CONSTRAINT fk_Record_vacId FOREIGN KEY (vacId)
REFERENCES [Wellness.Vaccination] (vacId)
ON DELETE CASCADE ON UPDATE CASCADE,
CONSTRAINT fk_Record_stuId FOREIGN KEY (stuId)
REFERENCES [Wellness.Student] (stuId)
ON DELETE NO ACTION ON UPDATE NO ACTION,
CONSTRAINT fk_Record_empId FOREIGN KEY (empId)
REFERENCES [Wellness.Employee] (empId)
ON DELETE NO ACTION ON UPDATE NO ACTION )
```