CREATE TABLE REGEMPLOYEE

( Fname VARCHAR(15) NOT NULL,

Lname VARCHAR(15) NOT NULL,

Ssn CHAR(9) NOT NULL,

Phone VARCHAR(11) NOT NULL,

Address VARCHAR(30) NOT NULL,

Email VARCHAR(25) NOT NULL,

Salary DECIMAL(10,2) NOT NULL,

PRIMARY KEY (Ssn),

UNIQUE(Ssn));

CREATE TABLE TEACHER

( Fname VARCHAR(15) NOT NULL,

Lname VARCHAR(15) NOT NULL,

Ssn CHAR(9) NOT NULL,

Gender CHAR(10) NOT NULL,

Bdate DATE NOT NULL,

Phone VARCHAR(11) NOT NULL,

Address VARCHAR(30) NOT NULL,

Email VARCHAR(25) NOT NULL,

Salary DECIMAL(10,2) NOT NULL,

PRIMARY KEY (Ssn),

UNIQUE(Ssn),

FOREIGN KEY (courseID) REFERENCES CLASS(courseID));

CREATE TABLE CLASS

( courseID CHAR(5) NOT NULL,

courseName VARCHAR(30) NOT NULL,

PRIMARY KEY (courseID),

UNIQUE(courseID),

FOREIGN KEY (studentID) REFERENCES STUDENT(studentID));

CREATE TABLE STUDENT

( studentID CHAR(7) NOT NULL,

Fname VARCHAR(15) NOT NULL,

MInit CHAR,

Lname VARCHAR(15) NOT NULL,

Gender CHAR(10) NOT NULL,

Bdate DATE NOT NULL,

parentPhone VARCHAR(11) NOT NULL,

Address VARCHAR(30) NOT NULL,

Email VARCHAR(25) NOT NULL,

PRIMARY KEY (studentID),

UNIQUE(studentID));

CREATE TABLE PARENT

( Fname VARCHAR(15) NOT NULL,

Lname VARCHAR(15) NOT NULL,

Phone VARCHAR(11) NOT NULL,

Address VARCHAR(30) NOT NULL,

Email VARCHAR(25) NOT NULL,

PRIMARY KEY (Phone),

FOREIGN KEY (studentID) REFERENCES STUDENT(studentID));

CREATE TABLE SYSTEMADMIN

( ID CHAR(7) NOT NULL,

Fname VARCHAR(15) NOT NULL,

Lname VARCHAR(15) NOT NULL,

PRIMARY KEY (ID),

UNIQUE(ID));

CREATE TABLE SCHOOLDEPT

( schoolID CHAR(10) NOT NULL,

PRIMARY KEY (schoolID),

UNIQUE(schoolID),

FOREIGN KEY (courseID) REFERENCES CLASS(courseID),

FOREIGN KEY (Ssn) REFERENCES TEACHER(Ssn),

FOREIGN KEY (ID) REFERENCES SYSTEMADMIN(ID),

FOREIGN KEY (Ssn) REFERENCES REGEMPLOYEE(Ssn));

CREATE TABLE GRADES

( courseG CHAR NOT NULL,

FOREIGN KEY (courseID) REFERENCES CLASS(courseID),

FOREIGN KEY (studentID) REFERENCES STUDENT(studentID));

CREATE TABLE ATTENDANCE

( attDate DATE NOT NULL,

FOREIGN KEY (studentID) REFERENCES STUDENT(studentID));

CREATE TABLE VIOLATIONS

( vioDate DATE NOT NULL,

vioType VARCHAR(20) NOT NULL,

FOREIGN KEY (studentID) REFERENCES STUDENT(studentID));

INSERT INTO STUDENT(studentID, Fname, Minit, Lname, Gender, Bdate, parentPhone, Address, Email)

VALUES (0576259, 'John', 'R', 'Doe', 'M', 09/13/96, 410-859-1176, '1 York Road', 'jdoe@gmail.com');

INSERT INTO STUDENT(studentID, Fname, Minit, Lname, Gender, Bdate, parentPhone, Address, Email)

VALUES (0426553, 'Sam', 'L', 'Deer', 'F', 04/24/97, 410-554-3575, '2 York Road', 'sdeer@gmail.com');

INSERT INTO STUDENT(studentID, Fname, Minit, Lname, Gender, Bdate, parentPhone, Address, Email)

VALUES (0422947, 'Paul', 'A', 'Jones', 'M', 12/03/95, 410-662-7840, '3 York Road', 'pjones@gmail.com');

INSERT INTO STUDENT(studentID, Fname, Minit, Lname, Gender, Bdate, parentPhone, Address, Email)

VALUES (0946321, 'Lauren', 'F', 'Smith', 'F', 06/30/96, 410-654-321, '4 York Road', 'lsmith@gmail.com');

INSERT INTO STUDENT(studentID, Fname, Minit, Lname, Gender, Bdate, parentPhone, Address, Email)

VALUES (0786531, 'Matt', 'T', 'Williams', 'M', 02/17/97, 410-372-6951, '5 York Road', 'mwilliams@gmail.com');

INSERT INTO PARENT(Fname, Minit, Lname, Phone, Address, Email)

VALUES ('Seamus', 'T', 'Doe', 410-859-1176, '1 York Road', 'sdoe@gmail.com');

INSERT INTO PARENT(Fname, Minit, Lname, Phone, Address, Email)

VALUES ('Lory', 'L', 'Deer', 410-554-3575, '2 York Road', 'ldeer@gmail.com');

INSERT INTO PARENT(Fname, Minit, Lname, Phone, Address, Email)

VALUES ('Stan', 'K', 'Jones', 410-662-7840, '3 York Road', 'sjones@gmail.com');

INSERT INTO PARENT(Fname, Minit, Lname, Phone, Address, Email)

VALUES ('Nick', 'M', 'Smith', 410-654-321, '4 York Road', 'nsmith@gmail.com');

INSERT INTO PARENT(Fname, Minit, Lname, Phone, Address, Email)

VALUES ('Debbie', 'A', 'Williams', 410-372-6951, '5 York Road', 'dwilliams@gmail.com');

INSERT INTO REGEMPLOYEE(Fname, Lname, Ssn, Phone, Address, Email, Salary)

VALUES ('Carl', 'Gavigan', 195-632-840, 410-859-1456, '6 York Road', 'cgavigan@gmail.com', 40000);

INSERT INTO REGEMPLOYEE(Fname, Lname, Ssn, Phone, Address, Email, Salary)

VALUES ('Taylor', 'Gavigan', 194-212-975, 410-859-1457, '6 York Road', 'tgavigan@gmail.com', 45000);

INSERT INTO REGEMPLOYEE(Fname, Lname, Ssn, Phone, Address, Email, Salary)

VALUES ('Chris', 'Davis', 214-567-980, 410-444-8888, '7 York Road', 'cdavis@gmail.com', 60000);

INSERT INTO REGEMPLOYEE(Fname, Lname, Ssn, Phone, Address, Email, Salary)

VALUES ('Becca', 'Davis', 276-567-976, 410-444-8888, '7 York Road', 'bdavis@gmail.com', 42000);

INSERT INTO REGEMPLOYEE(Fname, Lname, Ssn, Phone, Address, Email, Salary)

VALUES ('Jake', 'Lewis', 735-982-1562, 410-260-7395, '8 York Road', 'jlewis@gmail.com', 42000);

INSERT INTO TEACHER(Fname, Lname, Ssn, Gender, Phone, Address, Email, Salary)

VALUES ('Chris', 'Davis', 214-567-980, 'M', 410-444-8888, '7 York Road', 'cdavis@gmail.com', 60000);

INSERT INTO TEACHER(Fname, Lname, Ssn, Gender, Phone, Address, Email, Salary)

VALUES ('Shelly', 'Goforth', 635-789-987, 'F', 410-555-8778, '9 York Road', 'sgoforth@gmail.com', 50000);

INSERT INTO TEACHER(Fname, Lname, Ssn, Gender, Phone, Address, Email, Salary)

VALUES ('John', 'Brown', 635-753-047, 'M', 410-555-8778, '1 Second Street', 'jbrown@gmail.com', 56000);

INSERT INTO TEACHER(Fname, Lname, Ssn, Gender, Phone, Address, Email, Salary)

VALUES ('Sarah', 'Brown', 665-758-050, 'F', 410-555-8778, '1 Second Street', 'sbrown@gmail.com', 55000);

INSERT INTO TEACHER(Fname, Lname, Ssn, Gender, Phone, Address, Email, Salary)

VALUES ('Anotnio', 'Moore', 125-128-120, 'M', 410-115-1118, '2 Second Street', 'amoore@gmail.com', 52500);

INSERT INTO CLASS(courseID, courseName)

VALUES(457-01, 'Database Management');

INSERT INTO CLASS(courseID, courseName)

VALUES(458-01, 'Art History');

INSERT INTO CLASS(courseID, courseName)

VALUES(459-01, 'Physical Education');

INSERT INTO CLASS(courseID, courseName)

VALUES(460-01, 'Chemistry');

INSERT INTO CLASS(courseID, courseName)

VALUES(461-01, 'Accounting');

INSERT INTO SYSTEMADMIN(ID, Fname, Lname)

VALUES(0543215, 'Paul', 'Yun');

INSERT INTO SYSTEMADMIN(ID, Fname, Lname)

VALUES(0543216, 'Collin', 'Woodruff');

INSERT INTO SYSTEMADMIN(ID, Fname, Lname)

VALUES(0543217, 'Colby', 'Wellens');

INSERT INTO SCHOOLDEPT(schoolID)

VALUES(0123456789);

INSERT INTO GRADES(courseG)

VALUES('A');

INSERT INTO GRADES(courseG)

VALUES('B');

INSERT INTO GRADES(courseG)

VALUES('C');

INSERT INTO GRADES(courseG)

VALUES('D');

INSERT INTO GRADES(courseG)

VALUES('E');

INSERT INTO GRADES(courseG)

VALUES('F');

INSERT INTO ATTENDANCE(attDate)

VALUES(03/15/17);

INSERT INTO VIOLATIONS(vioDate, vioType)

VALUES(03/16/17, 'Unexcused Absence');