```
CREATE TABLE IF NOT EXISTS tblStudents (

        pmkSNetId varchar(20) NOT NULL PRIMARY KEY,

        fldSFName varchar(20) DEFAULT NULL,

        fldSLName varchar(20) DEFAULT NULL,

        fldSEmail varchar(20) DEFAULT NULL,

        fldStartYear int(4) DEFAULT NULL,

        fnkANetId varchar(20) DEFAULT NULL

)


CREATE TABLE IF NOT EXISTS tblAdvisors (

        pmkANetId varchar(20) NOT NULL PRIMARY KEY,

        fldAFName varchar(20) DEFAULT NULL,

        fldALName varchar(20) DEFAULT NULL,

        fldAEmail varchar(20) DEFAULT NULL,

        fnkSNetId varchar(20) DEFAULT NULL

)


CREATE TABLE IF NOT EXISTS tblPlans (

        pmkPlanId int(5) NOT NULL AUTO_INCREMENT PRIMARY KEY,

        fldCatalogYear int(4) NOT NULL,

        fldDateCreated varchar(10) NOT NULL,

        fldStudentDegree char(5) NOT NULL,

        fldTotalCredits int(3) DEFAULT NULL,

        fnkSNetId varchar(20) DEFAULT NULL,

        fnkANetId varchar(20) DEFAULT NULL

)


CREATE TABLE IF NOT EXISTS tblSemesters (

        pmkSemTerm varchar(5) NOT NULL,
```

```
        pmkSemYear int(4) NOT NULL,

        pmkSemCredits int(2) NOT NULL,

        PRIMARY KEY (pmkSemTerm, pmkSemYear, pmkSemCredits),

        fnkPlanId int(5) NOT NULL

)


CREATE TABLE IF NOT EXISTS tblSemesterClass (

        pmkSemClassId int(5) NOT NULL PRIMARY KEY,

        fldRequired char(3) DEFAULT NULL,

        fnkClassId int(5) DEFAULT NULL,

        fnkSemTerm varchar(5) DEFAULT NULL,

        fnkSemYear int(4) DEFAULT NULL,

        fnkSemCredits int(2) DEFAULT NULL

)


CREATE TABLE IF NOT EXISTS tblClasses (

        pmkClassId int(11) NOT NULL PRIMARY KEY,

        fldClassNum int(11) DEFAULT NULL,
```