

CS 148 In-Class Assignment

Schema

Courses Table:

```
CREATE TABLE IF NOT EXISTS tblCourses (  
    pmkCourseId int(11) NOT NULL,  
    fldCourseNumber int(11) NOT NULL,  
    fldCourseName varchar(250) NOT NULL,  
    fldDepartment varchar(5) NOT NULL,  
    fldCredits tinyint(4) NOT NULL DEFAULT '3'  
)
```

Students Table:

```
CREATE TABLE IF NOT EXISTS tblStudents (  
    pmkStudentId mediumint(8) unsigned NOT NULL PRIMARY KEY,  
    fldFirstName varchar(255) DEFAULT NULL,  
    fldLastName varchar(255) DEFAULT NULL,  
    fldStreetAddress varchar(255) DEFAULT NULL,  
    fldCity varchar(255) DEFAULT NULL,  
    fldState varchar(50) DEFAULT NULL,  
    fldZip varchar(10) DEFAULT NULL,  
    fldGender char(1) DEFAULT NULL  
)
```

4-Year Plan Table:

```
CREATE TABLE IF NOT EXISTS tblFourYrPlan (  
    pmkPlanId int(10) NOT NULL PRIMARY KEY AUTO_INCREMENT,
```

```
        fldDateCreated datetime DEFAULT NULL,  
        fldCatalogYr varchar(9) DEFAULT NULL,  
        fldMajor varchar(35) DEFAULT NULL,  
        fldMinor varchar(35) DEFAULT NULL,  
    )
```

Semester Plan Table:

```
CREATE TABLE IF NOT EXISTS tblSemesterPlan (  
    pmkYear year(4) NOT NULL PRIMARY KEY,  
    pmkTerm varchar(10) NOT NULL PRIMARY KEY,  
    fnkPlanId int(10) NOT NULL PRIMARY KEY,  
    fldDisplayOrder int(20) DEFAULT NULL,  
)
```

Advisors Table:

```
CREATE TABLE IF NOT EXISTS tblAdvisors (  
    pmkAdvisorId int(20) NOT NULL PRIMARY KEY,  
    fldFirstName varchar(20) DEFAULT NULL,  
    fldLastName varchar(20) DEFAULT NULL,  
)
```

Semester Plan Courses Table

```
CREATE TABLE IF NOT EXISTS tblSemesterPlanCourses (  
    fnkPlanId int(10) NOT NULL PRIMARY KEY,  
    fnkYear year(4) NOT NULL PRIMARY KEY,  
    fnkTerm varchar(10) NOT NULL PRIMARY KEY,  
    fnkCourseId int(11) NOT NULL PRIMARY KEY,
```

fldDisplayOrder int(20) DEFAULT NULL

)