**Project One Milestone 2**

**Brandon Fluegge**

**Southern New Hampshire University**

**CS 300**

**Pulling Data From File:**

LoadCourses(Hashtable<Course> courses, String File):

OPEN File

WHILE NOT File END:

READ line

SPLIT(line, “,”) = tokens

IF tokens.length is LESS THAN 2:

OUTPUT "Invalid"

END IF

number = tokens[0]

name = tokens[1]

prereq = tokens[2:]

new Course = Course(number, name, prereq)

Key = course.number

ADD Course TO courses WITH key

CLOSE File

END LoadCourses

PrintCourse(Hashtable<Course> courses, number):

IF key NOT IN courses:

OUTPUT "Not found"

RETURN

END IF

course = courses[number]

OUTPUT "Course Number: " + course.number

OUTPUT "Course Name: " + course.name

IF course.prereq is EQUAL TO nil:

OUTPUT "No prerequisites"

RETURN

END IF

OUTPUT "Prerequisites:"

FOR p IN course.prereq:

IF courses[key].prereq NOT EQUAL TO nil:

coursePrereq = courses[key].prereq

OUTPUT " - ", coursePrereq.number, ": ", coursePrereq.name

ELSE:

OUTPUT " Missing prerequisite: ", prereq

END IF

END FOR

END PrintCourse