Mod 3 milestone (pseudocode)

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Create class Course.

Int courseNum.

String courseName.

OpenFile

Initialize vector.

Initialize string line to hold single line

Initialize ifstream to get contents of file

Open file using file name

If unable to open file

Output “File not found.”

Pull line from instream until all information is received

Push line to back

Close file

Return

StoreFile

initialize vector (Course)

initialize courseString courseLine

initialize string token to store each word from line

initialize int count to track tokens per line

for (each new course)

set count = 0

create new Course course

fill courseLine with line contents

pull token from courseLine till end of line

if (count = = 0)

course courseNum = token

++ count

else if (count = = 1)

courseName = token

++count

else

if (token = courseNum already in courses)

push token to back of course preReqs

else

output “There is a course you have to take before this one.”

++ count

if (count < 2)

output “Error! Check for course number and name.”

empty courseLine

push course to back of courses

return courses

PrintFile

create course object

if (course returned is empty)

output “Course not in schedule.”

return

output course courseNum and courseName

for (preReq in preReqs)

output preReq