

Name: Nithya Nalluri

VM name: student1@csc415-server16.hpc.tcnj

VM Pathname: /home/student1/Assignment-1

URL for GitHub Repo: <https://github.com/nallurn1/Assignment-1>

Instructions for running the program, EasyEnroll:

- 1) Go to directory called: /home/student1/Assignment-1
- 2) Run the Ruby file called assignment1_Nithya Nalluri.rb
- 3) Write in the name for course_constraints input file, please add in .csv to file name
- 4) Write in the name for student_prefs input file, please add in .csv to file name
- 5) Write in a name for the enrollment output file, please add in .csv to file name
- 6) Write in a name for the students enrolled output file, please add in .csv to file name
- 7) Make sure that all the output files have been created in the current directory

Assumptions made:

- 1) If the students have no desired courses, such as 0, I assumed they wanted to still be placed in one CSC class.

Know bugs, issues or limitations:

- 1) Bug: The enrollment sorting logic caused some students to be placed into three classes, and this resulted in some underclassmen losing their spots in their preferred CSC classes.
 - a) Debugging the issue: The logic for creating error messages, reasons for why students did not get into classes, has an added check where if a student got enrolled into too many classes.