

Team members:

Dylan Gururajan - dgururaj@calpoly.edu

Coded in python, through Pycharm application. Felt like python would be the easiest and most efficient language for this lab.

Main structure used was a dictionary. Each student was held as a dictionary making it easy to call an individual attribute, like 'TLastName' or 'GPA'. Students were stored in a list, easy to sort through.

Tasks:

Parsing students.txt text file: 10 mins

Functions for each method: 45 mins

Main function, to produce an operable interface to run commands: 15 mins

Testing:

Done after program was fully constructed

Issues:

Data type problems with command passing in numbers as strings instead of integers or floats, problem solved in around 5 mins once identified

Initially printing student information incorrectly: pasting entire dictionary, very unpleasant. This was solved in around 10 minutes once identified

Overall testing took around 1.5 hrs.

Notes:

Extra time taken due to misunderstood instructions on some tasks, like R9