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Code summary

My code extracts information from “CoursesFall2023.txt”. It finds professors’ names and puts them into a file I created called “ProfID.txt.” Then I generate unique IDs for each professor, which are also put in the “ProfID.txt” file. I overloaded the << operator to specify the member is a professor, which can seen by the “ProfID.txt” output.

I also attempted to extract the Courses for each professor from “CoursesFall2023.txt”. I planned to have the user type in a professor's name, and the program would output the professor’s courses. I overloaded the >> operator to set the course and name. While the code compiles and runs, it does not run in the manner I strived for. When the user inputs a name, even if the name exists in the “CoursesFall2023.txt” file, it outputs, “No courses found for Professor.” I assume the loop is unable to correctly locate the name in the Professor file.

I still managed to extract the Professor’s name, generate unique IDs, and put them into a file I created, “ProfID.txt.”

Points

+1 extract Prof names from Courses Fall 2023 and generate IDs. Saved file of Profs with their IDs

+1 Overload << in Professor Class

+1 overload >> \*correctly declared and defined in Professor.h and Professor.cpp, but unable to implement as desired. I'm not sure if this earns me a full point.

+1 inherit from UM

+1 Copied files to Github, under ID xxx and shared with me

Attempted

2b. Show all courses for a given professor +1

I tried my best with the knowledge and experience I had.

Screenshot of my output: 