CSV File : CSV

Nick (PDF generation functions)

Problem:

How to create a visual to display results for the user.

Discoveries:

By using a library called ReportLab, I am able to use python to curate a PDF at my complete control, and upload it to the user's files. At first I was shopping around for different complex ways to create a PDF and I chose ReportLab for its simplicity.

Solution File:

Commit ID: b85b3b4
File name: project_check_in_1 (Nick)
Imports: Time is needed to run code

Eric (Reading and filtering csv file)

Problem:

Importing the CSV file and filtering csv for usable lists/variables

Discoveries:

After pondering on how to go about this, I had thought of two different methods to read the csv file. One option was to import CSV and use the open and read method. The other option was to use pandas library to read and put the contents of the csv into a list to be returned. The method I chose was to use pandas, in order to shorten the code and for this, I imported pandas library.

Solution File:

Commit ID: 1f9bd12
File name: project_check_in_1(Eric).py
Imports: Import pandas to run code, code submitted should print all sets from csv file

Stephanie (Questionnaires and analytics)

Problem:

How to create shorter and efficient code for questionnaires

Discoveries:

Instead of making a bunch of if and else statements for questions under each majors, I found a way to make the code more efficient. The check_input function basically sets a template for all the questionnaires. The question goes in as an input, pulls out the value assigned, which in this case is the assigned point for each major in question and if the user selects a value that is invalid, a message shows up indicating they have to choose within the options given.

Solution File:

Commit ID: 412f528

File name: project check in 1 (Stephanie)

Imports: Numpy should be downloaded to run the code.