

CMSY 156 - Lab 6

Files and Exceptions

(60 points)

Objective: read names from two different files into your program and write each name to a single new file.

Please make sure you download the `namelist1.txt` & `namelist2.txt` input files from the assignment page in Canvas and place them in the same folder as your program:

- Input files:
 - **nameslist1.txt & nameslist2.txt** -- Each file contains a list of 200 unique names.
- Output file:
 - Output all names to an output file called **allnames.txt**

Write a program that reads the names from the two input files and writes the names to the two output files:

- a. Use a try/except block to open all input and output files before processing. Terminate the program if one or more files cannot be opened.
- b. Processing:
 - i. Use a try/except block to read from the input files and write to the output file.
 - ii. Read all the names from one input file at a time. Write the names to the output file.
 - You must use a **while loop** to process the first input file – `nameslist1.txt` – and write to the output file.
 - You must use a **for loop** to process the second input file – `nameslist2.txt` – and write to the output file.
 - Each line in each input file is one name.
 - iii. Make sure each name is written on a separate line in the output file.
 - iv. There should be no blank lines between names in the output files.
- c. All input files and the output file must be closed after all names have been processed.

Rubric: The rubric is located on the assignment page in Canvas. Please review the rubric to make sure you meet all of the requirements for this lab.