

CTA 200: Homework 1

Problem 1: Using raw input, write a script that asks for user for their age and answers how many years older or younger they are than you. (hint: your program should not crash if it is given non-numeric input)

Problem 2: Write a script that finds and replaces a given word in all the .txt files in the working directory with the follow properties

- a. The script is called with “python name.py find replace” where ‘find’ and ‘replace’ are placeholders for words you choose when running the program (hint: don’t forget to deal with incorrect structure)
- b. A new directory with the name of ‘replace’ is created inside the working directory
- c. A copy of the .txt files containing the word ‘find’ are moved to directory ‘replace’, but not the files in which it doesn’t appear.
- d. In the ‘replace’ directory, every occurrence of ‘find’ is replaced with ‘replace’

Send solutions to cta200@cita.utoronto.ca by Thursday, May 7 at 5 pm

Solutions should be given as working (commented!) python scripts