

CS 270

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December 3, 2021

Programming Assignment #5

20 Points

Due: December 10, 2021

Objective: The purpose of this assignment is to write Python scripts (programs) to perform the actions described below.

Description:

1. Write a script to allow both the additional and removal of line numbers from a text file.

Input	Output	Input	Output
Now is	01 Now is	01 Now is	Now is
the time	02 the time	02 the time	the time
to add	03 to add	03 to add	to add
numbers	04 numbers	04 numbers	numbers

2. Write a script to change file name suffixes, e.g., *file.cxx* \rightarrow *file.cpp*
3. Write a script to backup files and directories into a special subdirectory (`.backup`). Your backup script should handle the case of an existing file or directory by the same name in `.backup`.
4. Write a script to reverse the contents of a text file. A text file will be posted on the web in the near future.

Deliverables:

- No submission required. You are responsible for the material.