1 ###########################################################################

2 # Author Name: Seth Cram

3 # Date: 11/03/2021

4 # File: testLineNums.txt

5 #

6 # File Description:

7 # This is the file passed to line\_numbers.sh to add or remove line numbers.

8 #

9 ###########################################################################

10

11 CS 270 Programming Assignment #3

12 Bruce Bolden 20 Points

13 October 22, 2021 Due: November 3, 2021

14 Objective: The purpose of this assignment is to write bash scripts to perform a few actions.

15 Description:

16 1. Write a script to allow both the addition and removal of line numbers

17 from a text file. NOTE: The nl or sed command may not be used.

18 Input Output Input Output

19 Now is 01 Now is 01 Now is Now is

20 the time 02 the time 02 the time the time

21 to add 03 to add 03 to add to add

22 numbers 04 numbers 04 numbers numbers

23 2. Write a script to change file names: file 1.cpp to file1.cpp

24 remove any/all underscores in C/C++ files in a directory.

25 3. Write a script to backup files and directories into a special subdirectory

26 (.backup). Your backup script should handle the case of an existing

27 file or directory of the same name in the subdirectory .backup.

28 Deliverables:

29 Results

30 Programming Log:

31 Record the time required to design and implement your program.

32 Record of things you encountered/learned while implementing your program.

33 Source files

34 Submit the program on paper