

CSE 314  
Online Problem  
Time : **20 minutes**

Suppose, there are a number of text files in the current directory and the subdirectories in the current directory. Each file contains an article on a distinct topic. But the problem is, the filenames are gibberish and it is not possible to identify which file contains which article by seeing their names. Contents of each file will be in the following format:

<topic>

<date of publication>

<description>

Now, your job will be to write a shell script **topic.sh** which when run will rename each file with its topic appended with ".txt".

For example, let the following text file is present in a subdirectory:

**C7sld93j.txt**

Computer Programming

October 25, 2001

Computer programming (often shortened to programming) is a process that leads from an original formulation of a computing problem to executable computer programs. Programming involves activities such as analysis, developing understanding, generating algorithms, verification of requirements of algorithms including their correctness and resources consumption, and implementation (commonly referred to as coding) of algorithms in a target programming language.

Now, after you run **topic.sh**, this file will be renamed as **Computer Programming.txt**

Similar result will occur for all the .txt files in the current directory and the subdirectories in the current directory.

Please note that, after execution of the script, the working directory should remain the same as before the script was run.