Infosys Campus Connect

Module 1 Project

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Stream – ECE

Project Title – Word Scrambling

Program Code :

import random

fh = open("MyFile.txt")

fh1 = open("MyFileScrambled.txt","w")

def shuffles(word):

# get your word as a list

word = list(word)

# perform the shuffle operation

random.shuffle(word)

# return the list as a string

word = ''.join(word)

return word

for line in fh:

line = line.split()

for word in line:

if len(word) > 3:

if word.endswith('.') or word.endswith(',') or word.endswith('!') or word.endswith(';') or word.endswith('?'):

fh1.write(word[0] + '' + shuffles(word[1:-2]) + '' + word[-2] + '' + word[-1] + ' ')

else:

fh1.write(word[0] + '' + shuffles(word[1:-1]) + '' + word[-1] + ' ')

else:

fh1.write(word + ' ')

Input File:

Scrambling words is very interesting. Because even if they are scrambled, it doesn't impact our reading. If you don't believe it, scramble this file and read again.

Sounds surprising, isn't it! Because we don't read letter by letter, we read the word as a whole.

Output File:

Sabcrlimng wdros is vrey inetsreintg. Bcsueae eevn if tehy are sbarlmced, it d'nseot iapmct our rndeiag. If you dn'ot bileeve it, scalmrbe tihs flie and raed aaign. Snduos sirsirnupg, in'st it! Beuacse we dn'ot raed lteetr by lteter, we raed the word as a whole.