

File handling

- 1- Write a Python program to read first 3 lines of a file abc.txt (given at the end of page)
- 2- Write a Python program to read any file line by line and store it into a list.
- 3- Write a python program to find the longest word in abc.txt
- 4- Write a Python program to count the number of lines in abc.txt.
- 5- Write a Python program to copy the contents of abc.txt file to another file.
- 6- Write a Python program to assess if a file is closed or not.
- 7- Write a function display_words() in python to read lines from a text file "abc.txt", and display those words, which are less than 4 characters.
- 8- A text file named "matter.txt" contains some text, which needs to be displayed such that every next character is separated by a symbol "#". Write a function definition for hash_display() in Python that would display the entire content of the file matter.txt in the desired format.

Example :

If the file matter.txt has the following content stored in it :
THE WORLD IS ROUND

The function hash_display() should display the following content :
T#H#E# #W#O#R#L#D# #I#S# #R#O#U#N#D#

9- Aditi has used a text editing software to type some text. After saving the article as ABC.TXT, she realised that she has wrongly typed alphabet J in place of alphabet I everywhere in the article.

Write a function definition for JTOI() in Python that would display the corrected version of entire content of the file WORDS.TXT with all the alphabets "J" to be displayed as an alphabet "I" on screen.

Note: Assuming that ABC.TXT does not contain any J alphabet otherwise.

ABC.TXT - (copy, paste n save it in notepad)

If Aditi has stored the following content in the file WORDS.TXT:

WELL, THJS JS A WORD BY JTSELF. YOU COULD STRETCH THJS TO
BE A SENTENCE

The function JTOI() should display the following content:

WELL, THIS IS A WORD BY ITSELF. YOU COULD STRETCH THIS TO
BE A SENTENCE