

# WEEK 6 - ASSIGNMENT 3

## FILE HANDLING (READ)

### NOTE:

- No need to submit anywhere, just keep track of all the PDF you made in a specific folder.
- Compare your solution with the solution I'll provide, in case of doubts, kindly reach out to me.
- You may get assignment solution in format of PDF or VIDEO solution, depending on the difficulty level.

**Q1.** Make a function which takes **filename** as a parameter. Return the number of words present in that file.

**Q2.** Make a function which takes filename as a parameter. Return the number of lines present in that file.

**Q3.** Make a function which takes filename as a parameter. Return the number of lines present in that file which does not start with **T** or **t**.

**Q4.** Make a function which takes filename as a parameter. Return the number of time the word **the** has appeared in that file.

**Q5.** Make a function which takes filename as a parameter. Print the words in that file which has length greater than **4**.

### Example (File Content)

```
python is great  
this is a great course  
we are doing dsa
```

### OUTPUT

```
python great  
great course  
doing
```

**Q6.** Make a function which takes filename as a parameter. Return the count of words which end with **e**.

**Example (File Content)**

```
python is great  
this is a great course  
we are doing dsa
```

**OUTPUT**

2

**Q7.** Make a function which takes filename as a parameter. Return the count of uppercase characters in that file.

**Q8.** Aditi has used a text editing software to type some text. After saving the article as WORDS.TXT, she realized 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 WORD.TXT does not contain any J alphabet otherwise.

**Example:**

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
```

**Q9.** There is a file having numbers in each line of that file. Calculate the total of all numbers.

**Example (File Content)**

100  
250  
100  
50  
98

### **OUTPUT**

598

**Q10.** Print each line of the file in reverse order.

### **Example (File Content)**

python is great  
this is a great course  
we are doing dsa

### **OUTPUT**

great is python  
course great a is this  
dsa doing are we

**Q11.** Print each word of the file in reverse order.

### **Example (File Content)**

python is great  
this is a great course  
we are doing dsa

### **OUTPUT**

nohtyp si taerg  
siht si a taerg esruoc  
ew era gniod asd