



# Practice Problems

## File handling



1. **Write a function in Python to count and display the total number of words in a text file.**
2. **Write a function in Python to read lines from a text file "notes.txt". Your function should find and display the occurrence of the word "the".**

**For example: If the content of the file is:**

**"India is the fastest-growing economy. India is looking for more investments around the globe. The whole world is looking at India as a great market. Most of the Indians can foresee the heights that India is capable of reaching."**

**The output should be 5**



## Solution 1

```
def count_words():  
    file = open("notes.txt", "r")  
    count = 0  
    data = file.read()  
    words = data.split()  
    for word in words:  
        count += 1  
    print("Total words are", count)  
    file.close()  
  
count_words()
```




## Solution 2

```
def count_words():
    file = open("notes.txt", "r")
    count = 0
    data = file.read()
    words = data.split()
    for word in words:
        if word == "the" or word == "The":
            count += 1
    print(count)
    file.close()

count_words()
```

## Write a function in Python to count uppercase character in a text file.



```
def count_letter():  
    file = open("article.txt", "r")  
    data = file.read()  
    count = 0  
    for letter in data:  
        if letter.isupper():  
            count+=1  
    print(count)  
    file.close()  
count_letter()
```