**h/w File handling**

1. **find no of characters, no of words or number of lines in Python text file.**
2. **Write a program to Count the number of upper-case alphabets present in a text file “PYTHON.TXT”.**

**Ex: We Learn Python. 3 isupper()**

1. **A text file “PYTHON.TXT” contains alphanumeric text. Write a program that reads this text file and writes to another file “PYTHON1.TXT” entire file except the numbers or digits in the file.**
2. **Write a program to count the words “to” and “the” present in a text file “python.txt”.**
3. **Write a program to display all the lines in a file “python.txt” along with line/record number.**

**1.**

* Size of file in bytes = len(file.read())
* Number of words = len(file.read().split())
* Number of lines = len(file.readlines())

2) def uppercount():  
    upper=0  
    f1=open("PYTHON.txt",'r')  
    line=f1.read()  
    for i in line:  
        if (i.isupper() == True):  
            upper+=1  
    print("Total no. of upper-case alphabets :",upper)  
uppercount()

3) fh=open(“python.txt","r")  
       fw=open(“python.txt","w")                                                    
rec=fh.read();  
for a in rec:  
    if (a.isdigit() != True):  
        print(a,end=' ')  
        fw.write(a)  
fh.close()  
fw.close()

4) fname = "python.txt"  
num\_words = 0  
f= open(fname, 'r')  
words = f.read().split()  
            for a in words:  
    if (a.tolower() == “to” or a.tolower() == “the” ):  
           num\_words = num\_words + 1  
print("Number of words:", num\_words)  
f.close()

5) fh=open("python.txt","r")  
count=0  
lines=fh.readlines()  
for a in lines:  
    count=count+1  
    print(count,a)  
fh.close()

6) fh=open("python.txt","r")  
count=0  
lines=fh.readlines()  
for a in lines:  
    if (a.tolower().count(“to”) > 0) :  
          print(a)  
fh.close()