**import** **os**

**import** **sys**

**def** insert\_line\_para\_nums(infile):

f = open(infile, 'r')

linecount = 0

paragraphcount = 0

empty = **True**

**for** i **in** f:

**if** '**\n**' **in** i:

linecount += 1

**if** len(i) < 2:

empty = **True**

**elif** len(i) > 2 **and** empty **is** **True**:

paragraphcount = paragraphcount + 1

empty = **False**

f.close()

print("paragraphcount **{}** **\n**".format(paragraphcount))

**def** parse\_file(path):

fd = open(path,'r')

spaces = tabs = words = num\_lines = Total\_chracters = special\_chracter = 0

lines\_in\_file = fd.read()

Total\_chracters = len(lines\_in\_file)

words = len(lines\_in\_file.split())

num\_lines = lines\_in\_file.count('**\n**') +1

*#print ( "Number of Words: ", num\_lines )*

tabs = len(lines\_in\_file.split('**\t**')) -1

spaces = len(lines\_in\_file.split(' ')) -1

special\_chracter = Total\_chracters - spaces - tabs

*#print ( "Number of SC: ", special\_chracter)*

*#print ( "Number of spaces: ", spaces - tabs \* 2)*

*#for i,line in enumerate(fd):*

*#spaces += line.count(' ')*

*#tabs += line.count(' ')*

*#Now close the open file*

fd.close()

*#Return the result as a tuple*

**return** spaces , tabs,num\_lines,words,special\_chracter

fileNames = list(input("please enter comma seperated file name: eg; file1.txt,file2.txt **\n**").split(','))

*#print(fileNames)*

**for** fileName **in** fileNames:

**if** os.path.isfile(fileName) **is** **True**:

spaces, tabs, lines,words,special\_chracter = parse\_file(fileName)

print("Details of the file **{}** is given below:".format(fileName))

print ("**\n** Spaces **{}** **\n** tabs **{}** **\n** lines **{}** **\n** words **{}** **\n** non space chracters **{}**".format (spaces, tabs, lines,words,special\_chracter))

insert\_line\_para\_nums(fileName)

**else** :

print(fileName, "Not exists")