**03/03/2019**

>>> fd=open("Hello.py")

>>> fd.read(10) #reads 10 bytes

'print ("He'

>>> fd.read(10) #reads next 10 bytes

'llo Univer'

>>> fd.read() #read file till end as no arguments provided.

'se!")\nx=input("Enter first number")\ny=input("Enter Second number")\nprint("addition :")\nprint(x+y)\n'

>>> fd.read() #returns nothing as it reached end of file

''

>>>readline()is the most efficient way to use file operations

**#WAP to accept file from user and print it line by line**

def readLineByLine(inputFile):

fd=open(inputFile)

if fd!=None:

line=fd.readline()

while line!='':

print(line)

line=fd.readline()

def main():

inputFile=input("enter file path")

readLineByLine(inputFile)

if \_\_name\_\_=='\_\_main\_\_':

main()

#WAP to accept file name from user and print those lines who have less than equal to 80 characters. Also print line numbers which have more than 80 characters stating that line are having more than standard count of characters

def PrintLessthan80CharLines(inputFile):

fd=open(inputFile)

line\_numbers=[]

line\_no=1

line=fd.readline()

while(line!=''):

if (len(line)<80):

print(line)

else:

line\_numbers.append(line\_no)

line\_no+=1

line=fd.readline()

print("Line numbers of line having more than 80 chars are",line\_numbers)

def main():

inputFile=input("Enter file")

PrintLessthan80CharLines(inputFile)

if \_\_name\_\_=='\_\_main\_\_':

main()

#WAP to accept file from user and print smallest and longest line from it

def MaxMinLine(inputFile):

fd=open(inputFile)

line=fd.readline()

maxline=line

minline=line

while line!='':

line=fd.readline()

if line=='\n' or line=='':

continue

if len(line) > len(maxline):

maxline=line

elif len(line) < len(minline):

minline=line

return maxline,minline

def main():

inputFile=input("Enter file")

maxline,minline=MaxMinLine(inputFile)

print("Maxline = {}\nMinline={}".format(maxline,minline))

if \_\_name\_\_=='\_\_main\_\_':

main()

**#WAP to accept file from user and print those lines which have THE word more than once.**

**#WAP to accept filename from user and print it in reverse order.lines should be read only once and no read and readlines function could be used.**

**#WAP to accept a name of config file from user and create a dictionary of configurations defined in it.(File Emailed)**

**#WAP to accept file name from user and print alternate 10 characters from it.(use seek, read function)e.g.fd.seek(10,1)**