**16**. Write a script named **copyfile.py**. This script should prompt the user for the names of two text files. The contents of the first file should be input and written to the second file .

#Note: create a text file as “input.txt” and write some date in it. This will be used in the program.

with open("input.txt") as input:

with open("output.txt","w") as output:

for line in input: output.write(line)

print("JOB DONE!!")

**Ouput:**

JOB DONE!!

**17)** Write a program that inputs a text file. The program should print all of the unique words in the file in alphabetical order.

fname = input("Enter file name: ")

fh = open(fname)

lst = list() # list for the desired output

words=[];

for line in fh: # to read every line of file romeo.txt

words += line.split()

words.sort()

# display the sorted words

print("The unique words in alphabetical order are:")

for word in words:

if word in lst: # if element is repeated

continue # do nothing

else: # else if element is not in the list

lst.append(word)

print(word)

#print(lst)

**Output**

Enter file name: input.txt

The unique words in alphabetical order are:

cmrtc

to

welcome

**15)**  Write a python program to define a module and import a specific function in that module to another program

**# arth.py**

''' Arithmetic Operations Module with Multiple functions'''

def Add(a,b):

c=a+b

return c

def Sub(a,b):

c=a-b

return c

def Mul(a,b):

c=a\*b

return c

from arth import Add

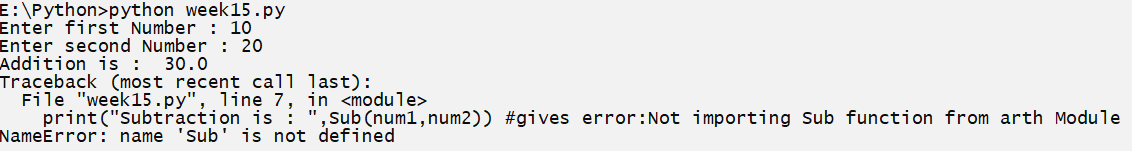
num1=float(input("Enter first Number : "))

num2=float(input("Enter second Number : "))

print("Addition is : ",Add(num1,num2))

print("Subtraction is : ",Sub(num1,num2)) #gives error:Not importing Sub function from arth Module

**Output:**

****