

In [44]:

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##Day4 21 january 2021 Assignment3
#que1 - Write a Python program to merge two files into a third file.
file1,file2 = open('file1.txt','r'), open('file2.txt','r')
output_file = open("output.txt",'a')
f1_data,f2_data = [line for line in file1.readlines()], [line for line in file2.readlines()]
all = ["\n"]
for i in range(len(f1_data)):
    all.append(f1_data[i])
all.append("\n")
for i in range(len(f2_data)):
    all.append(f2_data[i])
all.append("\n")
#print(''.join(all))
output_file.write(''.join(all))
file1.close(),file2.close()
output_file = open("output.txt",'r')
print(output_file.read(),"\nAll the contents of file1.txt and file2.txt is copied to output.txt file successfully\nplease open and check the file now")
output_file.close()

#que2 - Take two lists as input list1 = [1,2,3,4,5] and list2 = ["a", "b", "c", "d", "e"] From that make a dictionary ouput {1:"a", 2:"b", 3:"c", 4:"d", 5:"e"}
list1 = [1,2,3,4,5]
list2 = ["a", "b", "c", "d", "e"]
result = dict(zip(list1,list2))
print("\n\nBelow is the required dictionaries with the keys as list1 elements and valus as list2 elements")
print(result)
```

#this file is merged from file1 and file2 using python

this is file 1 sentence
Hello Anand Prabhakar
this is file 2 sentence
lets upgrade us by learning python

All the contents of file1.txt and file2.txt is copied to output.txt file successfully
please open and check the file now

Below is the required dictionaries with the keys as list1 elements and valus as list2 elements
{1: 'a', 2: 'b', 3: 'c', 4: 'd', 5: 'e'}