**01.Python Program to read the content of file and write it in another file.**

f1=input("Enter file name from which text is to be copied: ")

f2=input("Enter file name to which text is to be copied: ")

with open(f1, 'r') as f:

r=f.read()

with open(f2, 'w') as f:

f.write(r)

print("Text copied in file",f2,"is:")

with open(f2, 'r') as f:

print(f.read())

**Output:**

Enter file name from which text is to be copied: test.txt

Enter file name to which text is to be copied: new.txt

Text copied in file new.txt is:

Scan Line Algorithm. This algorithm works by intersecting scanline with polygon edges and fills the polygon between pairs of intersections. The following steps depict how this algorithm works.

**02. Python program to append data to existing file and then display the entire file**

f1=input("Enter the name of file from which data is to be read from: ")

f2=input("Enter the name of file to which data is to be append: ")

with open(f1,'r') as f:

data=f.read()

with open(f2,'a') as f:

f.write(data)

with open(f2,'r') as f:

print(f.read())

**Output:**

Enter the name of file from which data is to be read from: test1.txt

Enter the name of file to which data is to be append: test.txt

hi...

This is the text from test.txt.

hey... this is the text from test1.txt which is going to append

**03. Python program to count number of lines, words and characters in a file.**

f1=input("Enter file name in 'txt' extension: ")

l=input("Enter the letter to be search in file: ")

letter\_count=0

word\_count=0

line\_count=0

with open(f1, 'r') as f:

print("Contents in file are:")

print(f.read())

with open(f1, 'r') as f:

for line in f:

line\_count=line\_count+1

words= line.split()

for i in words:

word\_count=word\_count+1

for letters in i:

if letters==l:

letter\_count = letter\_count + 1

print("Number of lines present:",line\_count)

print("Number of words present:",word\_count)

print("Occurence of entered letter is",letter\_count)

**Output:**

Enter file name in 'txt' extension: test.txt

Enter the letter to be search in file: e

Contents in file are:

Scan Line Algorithm. This algorithm works by intersecting scanline with polygon edges and fills the polygon between pairs of intersections. The following steps depict how this algorithm works. Step 1 âˆ’ Find out the Ymin and Ymax from the given polygon.

Number of lines present: 3

Number of words present: 41

Occurence of entered letter is 19

**04. Python Program to Copy the Contents of One File into Another**

f1=input("Enter the file of which content is to be copied: ")

f2=input("Enter the file to which content is to be copied: ")

with open(f1, 'r') as a:

with open(f2, "w") as b:

for line in a:

b.write(line)

with open(f2, "r") as b:

print("Contents copied are:")

print(b.read())

Output:

Enter the file of which content is to be copied: test.txt

Enter the file to which content is to be copied: output.txt

Contents copied are:

Hi...!

This are the contents of file test.txt

**05. Python Program to Read the Contents of a File in Reverse Order**

with open("sample.txt",'r') as f:

print("Before reversal: ",f.read())

f = open("sample.txt", "r")

s = f.read()

f.close()

f = open("reverse.txt", "w+")

f.write(s[::-1])

f.close()

with open("reverse.txt",'r') as f:

print("After reverse:",f.read())

**Output:**

Before reversal: This is a comprehensive guide on how to get started in Python, why you should learn it and how you can learn it.

After reverse:.ti nrael nac uoy woh dna ti nrael dluohs uoy yhw ,nohtyP ni detrats teg ot woh no ediug evisneherpmoc a si sihT