**PROGRAM-9(TEXT-FILES)**

1. **Write a pthon program to read and display the file content?**

f = open("C:\\Users\\MICLAB\\Desktop\\demo.txt",'r')

print ("file object is opened")

print(f)

data = f.read()

print(data)

**sample output:**

file object is opened

<\_io.TextIOWrapper name='C:\\Users\\MICLAB\\Desktop\\demo.txt' mode='r' encoding='cp1252'>

python is open and python is very easy language

1. **Write a python program to write some content to a file?**

file\_path = "output.txt"

with open(file\_path, "w") as file:

file.write("Hello, World!\n")

file.write("This is a sample text.")

print("Content written to", file\_path)

**sample output:**

Content written to output.txt

1. **Write a python program to find no.of characters are present in a file?**

f = open("C:\\Users\\MICLAB\\Desktop\\demo.txt",'r')

data = f.read()

print('Total avaliable charecters in a given file is :',len(data))

**sample output:**

Total avaliable charecters in a given file is : 48

1. **Write a python program to find the no.of words present in a file?**

f = open("C:\\Users\\MICLAB\\Desktop\\demo.txt",'r')

data = f.read()

lw = data.split()

print('Total number of words in a given file is :',len(lw))

print('Available words are :',lw)

**sample output:**

Total number of words in a given file is : 9

Available words are : ['python', 'is', 'open', 'and', 'python', 'is', 'very', 'easy', 'language']

1. **How to display every word count,how many times comming from a given file ?**

f = open("C:\\Users\\MICLAB\\Desktop\\demo.txt",'r')

data = f.read()

lw = data.split()

d = {}

for word in lw:

if word not in d:

d[word] = 1

else:

d[word] = d[word]+1

print(d)

**sample output:**

{'python': 2, 'is': 2, 'open': 1, 'and': 1, 'very': 1, 'easy': 1, 'language': 1}

1. **Write a python program to perform tell()?**

f = open("C:\\Users\\MICLAB\\Desktop\\demo.txt",'r')

print("The filepointer is at byte :", f.tell() )

content = f.read();

print("After reading, the filepointer is at:",f.tell())

**sample output:**

The filepointer is at byte : 0

After reading, the filepointer is at: 49

1. **Write a python program to perform seek()?**

f = open("C:\\Users\\MICLAB\\Desktop\\demo.txt",'r')

print("The filepointer is at byte :",f.tell())

f.seek(10);

print("After reading, the filepointer is at:",f.tell())

**sample output:**

The filepointer is at byte : 0

After reading, the filepointer is at: 10