**FILE HANDLING**

**#python program to read any given file**

print("Enter x to exit.")

filename=input("Enter filename with extension:")

if filename=='x':

exit()

else:

e=open(filename,"r")

print("\nThe file opened successfully")

print("The file",filename,"contains:\n")

print(e.read())

e.close()

**OUTPUT:**

Enter x to exit.

Enter filename with extension:foo.txt

The file opened successfully

The file foo.txt contains:

This is 1st line

This is 2nd line

This is 3rd line

This is 4th line

This is 5th line

**#python program to create a file and write some content inside the file**

print("Enter x to exit.")

filename=input("Enter filename with extension:")

if filename=='x':

exit()

else:

e=open(filename,"w")

print("\nThe file created successfully")

print("enter 3 sentences:")

sent1=input()

sent2=input()

sent3=input()

e.write(sent1)

e.write("\n")

e.write(sent2)

e.write("\n")

e.write(sent3)

e.write("\n")

print("The file successfully created",filename)

e.close()

OUTPUT:

Enter x to exit.

Enter filename with extension:vas.txt

The file created successfully

enter 3 sentences:

iam

vasantha

lakshmi

The file successfully created vas.txt

**#w for file**

fo = open("foo.txt", "w")

fo.write( "Python is a great language.\nYeah its great!!\n”)

fo.close()

**#r for file**

fo = open("foo.txt", "r")

str = fo.read();

print("Read String is : ", str)

# Close opend file

fo.close()

**#r+ for file**

fo = open("foo.txt", "r+")

str = fo.read(10);

print("Read String is : ", str)

# Close opend file

fo.close()

**#rb**

fo = open("foo.txt", "rb")

str = fo.read();

print("Read String is : ", str)

# Close opend file

fo.close()

**#a**

file1 = open("foo.txt", "a") # append mode

file1.write("Today \n")

file1.close()

**#a+**

file1 = open("foo.txt", "a+") # append mode

file1.write("Today \n")

file1.close()

**#program to read lines using seek method:**

fo = open("foo.txt", "r+")

print ("Name of the file: ", fo.name)

line = fo.readlines()

print ("Read Line: %s" % (line))

# Again set the pointer to the beginning

fo.seek(0, 0)

line = fo.readline()

print ("Read Line: %s" % (line))

# Close opened file

fo.close()

OUTPUT:

Read Line: ['This is 1st line\n', 'This is 2nd line\n', 'This is 3rd line\n', 'This is 4th line\n', 'This is 5th line']

Read Line: This is 1st line