File Based Programs

1. obj=open("abcd.txt","w")

obj.write("Welcome to the world of Python")

obj.close()

obj1=open("abcd.txt","r")

s=obj1.read()

print s

obj1.close()

obj2=open("abcd.txt","r")

s1=obj2.read(20)

print s1

obj2.close()

obj = open("data.txt", "w")

print  obj.name

print  obj.mode

print  obj.closed

1. # Open a file

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

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

# Close opend file

fo.close()

1. # Open a file

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

str = fo.read(10);

print "Read String is : ", str

# Close opend file

fo.close()

1. File positions

# Open a file

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

str = fo.read(10);

print "Read String is : ", str

# Close opend file

fo.close()

5 . !/usr/bin/python

import os

6 . # Rename a file from test1.txt to test2.txt

os.rename( "test1.txt", "test2.txt" )

#!/usr/bin/python

import os

1. # Delete file test2.txt

os.remove("text2.txt")

8. with open("test.txt",'w',encoding = 'utf-8') as f:

f.write("my first file\n")

f.write("This file\n\n")

f.write("contains three lines\n")

9. >>> f = open("test.txt",'r',encoding = 'utf-8')

>>> f.read(4) # read the first 4 data

'This'

>>> f.read(4) # read the next 4 data

' is '

>>> f.read() # read in the rest till end of file

'my first file\nThis file\ncontains three lines\n'

>>> f.read() # further reading returns empty sting

''

>>> f.tell() # get the current file position

56

>>> f.seek(0) # bring file cursor to initial position

0

>>> print(f.read()) # read the entire file

This is my first file

This file

contains three lines

>>> for line in f:

... print(line, end = '')

...

This is my first file

This file

contains three lines

>>> f.readline()

'This is my first file\n'

>>> f.readline()

'This file\n'

>>> f.readline()

'contains three lines\n'

>>> f.readline()

''

>>> f.readlines()

['This is my first file\n', 'This file\n', 'contains three lines\n']