Python file handling operations:

File handling is a process of file opening, reading, writing, closing.

Opening a file:

Using open function we open a file.In this open function itself has reading, writing, appending a file.

F=open(“ file path”) syntax for opening a file.

Read operation:

Opens a file for only reading purpose and it returns error if file is not presented.

EG of opening a file in read mode

f= open("/content/file18.txt")

print(f.read())

o/p: hi hello welcome to python!

f= open("/content/file18.txt")

print(f.read(2)) 🡪 o/p hi # It only prints 2 characters in a file

f= open("/content/file18.txt")

print(f.readline()) 🡪 O/p hi hello welcome to python!

# It prints first line in the file

Write operation :

This have 2 methods one is write operation and another is append operation.

Append operation is performed at when we want add text/data to existing data.

Write operation is performed when we want to overwrite of the past data

f= open("/content/file18.txt",'a') #a-append

f.write("Puropale interns welcomes you")

f.close() 🡪o/p hi hello welcome to python! puropale interns welcomes you

f=open("/content/file18.txt",'w') #w-write

f.write("total 15 interns are their as of now in puropale")

f.close() 🡪o/p total 15 interns are their as of now in puropale

f=open("/content/file18.txt")

f.read()

Removing a file from the directory:

import os

os.remove("/content/file18.txt") 🡪 o/p---

f=open("/content/file18.txt")

f.read()

o/p: FileNotFoundError: [Errno 2] No such file or directory:'/content/file18.txt'

X- creates a specified file. Returns error if the file exists.