# Assignment No. 8

object as following methods associated with file object a) read() b) readline() c) readlines () d) tell () e) seek() () write()

file Objects in python -A file object allows us to use, access and manipulate all the user accessible files. one can read and corite any such files.

when a file operation fails for an Ilo related reason, the exception to Error is raised.

This includes situation where the operation is not defined for some reason like seek() on device or writing a file opened for reading. ofth open (T' E: Ipmanue (Ries) test. tx:

a) read():-

Reads the file content.

erint (fp. readling (1) Syntax: - file-object. read (size)

1) The size represents the number of bytes to read from a file. It returns file content in string object. 2) The size is not specified it reads all the content

Source code: with open (r'E: | Pynative | files | test . txt; 'x') as fp: print (fp. read (14)) print (fp. read(1) izenint butter are read.

	output:
	My first line
	My Second line
	My Third line.
	b) readline()
	1) Read one line from a file at a time. It returns
	li ali i alzina tarmat.
	2) If the size is given it reads the number of bytes
	from a file.
	The second of th
	Syntax:
	file-object. readline (sixe)
E	The second of th
	Source code:
	with open (r' E: \ pynative \ files \ test · txt ', 'r') as fp:
	print (fp. readline ())
	print (fp. readline())
	The second of th
	output:-
14	My first line
	I was provided the second of t
	My second line.
	c) readlines():-
	i) Read all lines from a file and return them in the
	form of a list object
	2) If the size hint argument is present instead of
	the entire file, whole lines totaling approximately
	sizehint bytes are read.

source code:with open (r' E! | pynative | files | test . txt; 'r') as fp: print (fp. readlines())

output: -

At Clatifical I'my first line (n) my second line (n; 'my Third line')

d) seek() and tell () method:

The Seek() function sets the position of file pointer and tell() function returns the current pointer of file pointer.

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ring (Eread C)

source code :-

f = open ("demofile. txt") f. seek(4) + d. saltomabiot amount

print (f. read line ())

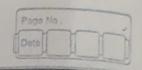
gutput ! -

(: lusers ) My Name > Python demo. file-seek. Py O! Welcome to demofile. txt.

Source code !-

f = open ("demofile. txt", "x") print (f. readline ())

print (f. tell())



#### output :-

C:/Users/MyName>python demo.file-tell2.py Hello! Welcome to demofile. txt.

## f) write ():-

writes the specified string to the file.

## Source code-

f = open ("demofilez.txt", "a") f. write ("see you soon!")

f. close() and telle function relation () szol). F f = open ("demofile2. txt", 117") print (f. read())

### Output :-

C: lusers | My Name > python demo. file-write . py Hello! welcome to demofilez. txt.

1. 1998, Mile . Paralo porting alarna. Hill, seek.

This file is for testing purposes. Goodluck! see you soon!