3. File Handling

13 October 2023 11:40



OPEN FUNCTION

file_object = open ("file_name/file address", "access_mode")

- · access mode or by default
- · returns an object of type Tent 10 Wrapper

READ FUNCTIONS

1) read

file_ stject . read (n)

Returns a single string with entire file's data

If n is specified as some number, it reads "n" characters

2) readline

file-object readline (n)

Returns a single string with a single line from the file

n -> same function as read.

Each time readline () is used, it resturns the next line in the file until there is nothing left to read, at which point it returns an empty string.

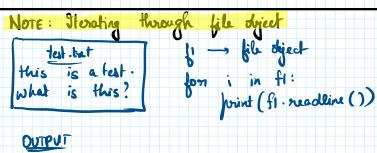
Note: with clause

with open (···) as f-obj:

BODY

File is closed outomatically

body is executed



what is this?

The second line gets printed as the first line is taken by the bop variable "i". After "i" takes the first line, the file pointer is at the second line when readline () is called.

(3) readlines

Rehoms a list with each element of the list being one line of the like as

(3) readlines

Retrons a list with each element of the list being one line of the file as
a string

FILE POINTER FUNCTIONS

1 seek

f. object. seek (position)

Positions file curson at specified position.

O - beginning of the file.

Returns current file projecter position

WRITE FUNCTIONS

() write f_obj. write (value)

Appends value to the send of the file content. Only takes a string value

(2) print (value, file = f-dj)

If "file" parameter is specified, then print will do the same thing as write () function. However, cursor in the file by default will go to the next line, as default value of "end" is "in".

CSY FILES

CSV module -> CSV file specific commands

(SV. reader ()

CSV. Preader (file-name)

Returns a lazy object.

When you iterak through it, every line is a list which has each comma separated value is an element

FILE OBJECT ATTRIBUTES

- · f-obj. name -> netroins system name of file
- · f-dj. mode -> refusere mode of file

· f-oly. mode - returns a Boolean indicating if file is closed