DAY 24

WORKING WITH LOCAL FILES AND DIRECTORIES

THREE MODES:

mode = “r” #read

mode = “w” #write

mode = “a” #append

READ:

Have a main.py file and a new file named with .txt extension.

The text file my\_file.txt has some text written over and to read the data the following method is used.

Main.py

file = open(“my\_file.txt”)

OUTPUT:

My name is pavithra.

content = file.read()

print(contents)

file.close()

my\_file.text

My name is pavithra.

ANOTHER METHOD (WITHOUT MANUALLY CLOSING THE FILE):

with open(my\_file.txt) as file: #works similar to above code and same output

content = file.read()

print(content)

WRITE:

With open(“my\_file.txt”, mode=”w”) as file:

By default, the mode is set to read-only so not explicitly mentioned in the above code.

file.write(“she is an IT student)

OUTPUT:

She is an IT student.

# The previous content name has been deleted and replaced.

THINGS TO NOTE:

To add this line “ she is an IT student.” to the existing data “my name is pavithra”, use mode =” a” to append the end of the data already existing.

When the write method is used and the file opened with the open() method doesn’t exist. Python creates a file in the specified name and writes the data to that file.

ABSOLUTE FILE PATH:

The path of a file that starts from the root.

E.g.: C:\Users\VICTUS\OneDrive\Desktop\python\day24

RELATIVE FILE PATH:

When we are inside “THE WORKING DIRECTORY”, that is the folder that we are currently in we do need an absolute path. Let's say I am currently on the desktop and need the day24 file then it Is

./python/day24