

Day 14- File Handling

File Handling in python allows us to work with files (read, write, append and modify files) using built-in functions. Python provides a simple and efficient way to handle files using the `open()` function.

Opening a file:

1. File name (with the path if needed)
2. mode (specify the operation to perform)

Syntax:

`file = open("filename.txt", "mode")`

Mode

Description

"r"

Read mode (default). open files for reading. if file does not exist, gives an error.

"w"

Write mode. create new file or overwrite existing file.

"a"

Append mode. adds data at the end of an existing file.

"x"

Create mode. creates a file but gives error if already exists.

"t"

Text mode (default). open a file in text format.

"b"

Binary mode. open a file in binary format.