

<07/10/2025, Tuesday>

File handling: It will allow us to create, read, write & delete files.

• which is used to store data permanently.

The built-in `fun` is open () to work with files.

Common modes:

- | | |
|----------------------|-----------------------|
| 1) "r" - Read | 4) "b" - binary |
| 2) "w" - write | 5) "t" - text |
| 3) "a" - append | 6) "rb" - Read binary |
| 7) "wt" - Write text | |

File path:

- 1) Relative path Code file and data file both are stored in the same folder.
- 2) Absolute path - - - - - are stored in diff folder/path.

Error and Exception:

Error (also known as exceptions) are issues that stop your program from running properly.

• Error handling means detecting & managing those errors gracefully instead of letting the program crash.

- 1) Syntax Error
- 2) Name Error
- 3) Indent Error
- 4) type error
- 5) Zero division error
- 6) index error
- 7) value error
- 8) Key error
- 9) file not found error.

Syntax of exception:

try:

code that might cause an error.

except:

Code to handle the error.