

OS Module

The os module provides functions for interacting with the operating system, mainly for file and directory operations.

Common Operations

1. Create Folder → `os.mkdir("new_folder")`
2. Create Nested Folder → `os.makedirs("parent_folder/child_folder")`
3. Rename Folder → `os.rename("old_folder", "new_folder")`
4. Check If Folder Exists → `if os.path.exists("my_folder"):`
5. List Folders → `files_and_folders = os.listdir("my_folder")`
6. Delete Empty Folder → `os.rmdir("empty_folder"):`
7. Delete Full Folder
`import shutil`
`shutil.rmtree("folder_with_files")`
8. Change Current Directory → `os.chdir("new_directory")`