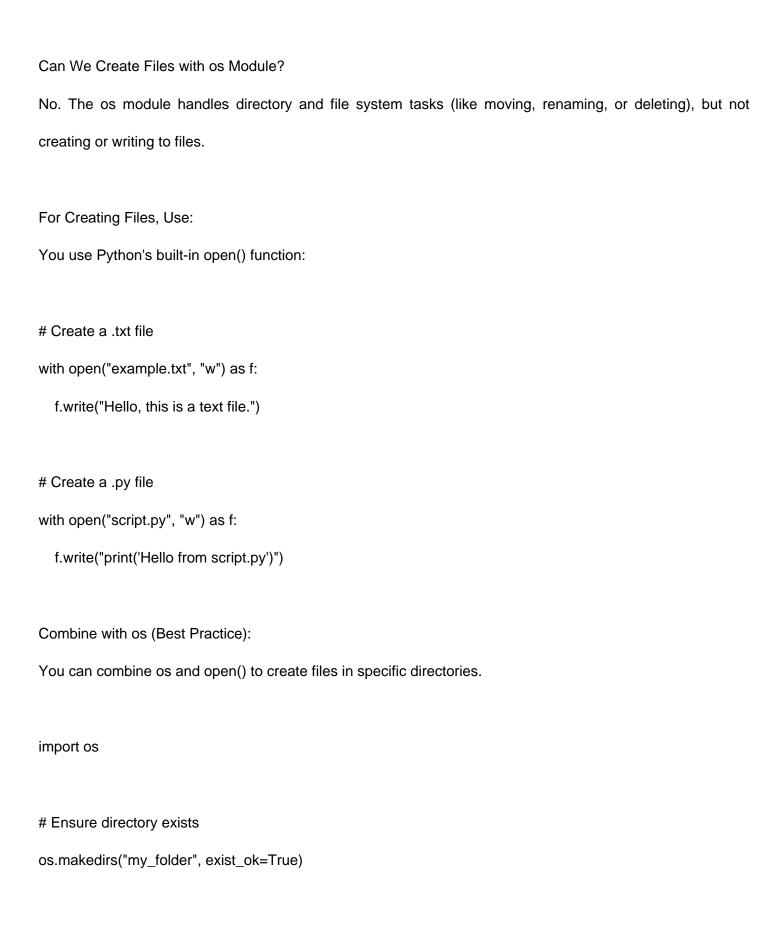
Day 29 - Python OS Module

Python OS Module - File Creation & Rename Guide



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Create a file in that directory
file_path = os.path.join("my_folder", "example.txt")
with open(file_path, "w") as f:
f.write("This file was created with open() and os module.")
Summary:
Task Module
Navigate/create folders os
Create/write files open()
Combine folder + file os + open()
Common os.rename() Errors & Fixes:
1. FileNotFoundError
Reason: old.txt does not exist in the current working directory.
Fix:
print(os.getcwd())
print(os.listdir())
2. Create the file first (correct way):
with open("old.txt", "w") as f:
f.write("This is the original file.")
os.rename("old.txt", "new.txt")

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```
3. Use full paths (optional):
old_path = os.path.join(os.getcwd(), "old.txt")
new_path = os.path.join(os.getcwd(), "new.txt")
with open(old_path, "w") as f:
  f.write("Some content.")
os.rename(old_path, new_path)
Test Script:
import os
# Step 1: Create old.txt
with open("old.txt", "w") as f:
  f.write("Hello, world!")
# Step 2: Rename to new.txt
if os.path.exists("old.txt"):
  os.rename("old.txt", "new.txt")
  print("File renamed successfully.")
else:
  print("old.txt does not exist!")
```