PROFESSIONAL

AUTOMATE FILE SEGREGATION 1

WhiteHat Jr
Live Online Coding for Kids

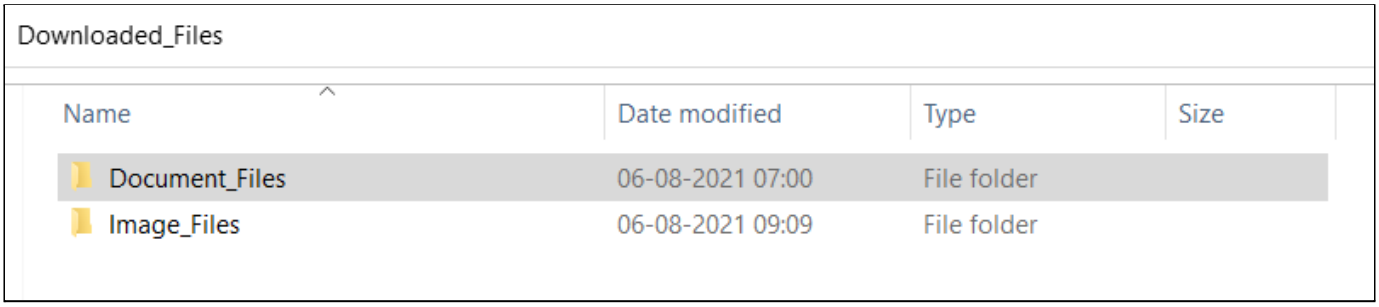
INSTRUCTIONS:

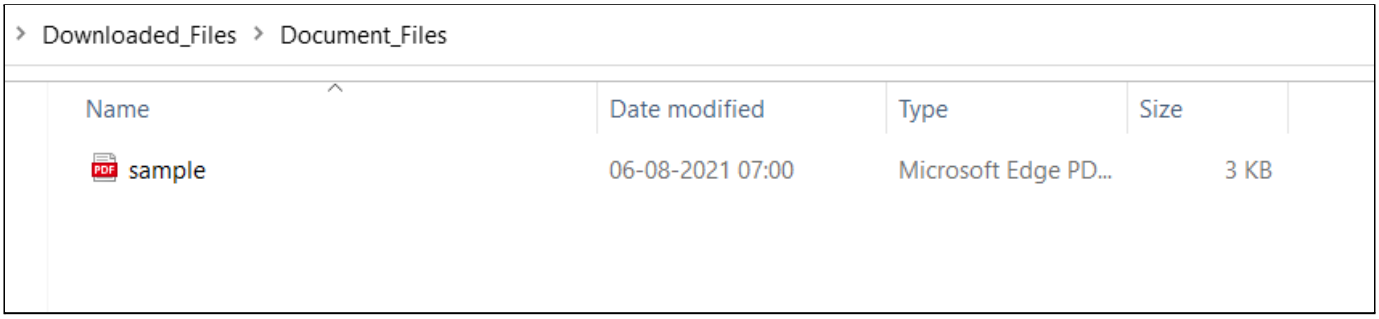
Goal of the Project:

In Class 111, you build a python program to move image files from one folder to another folder using os and shutil modules. In this project, you will write a program to move documents with extension .pdf from one folder to another folder.

Story:

The "**Download**" folder in your friend's computer is loaded with many files, as he keeps downloading his school work in that folder. He asked for your help to organize all the files. You can use your coding knowledge to create a Python program to move all the documents from the "**Downloads**" folder to a separate folder.





***This is just for your reference. We expect you to apply your own creativity to the project.**

PROFESSIONAL

AUTOMATE FILE SEGREGATION 1

WhiteHat Jr
Live Online Coding for Kids

Getting Started:

1. Create a new folder named **Project111.**
2. Open the folder in VSC.
3. Create a new file named **Move_File.py.**
4. Create a new folder in your system named "**Document_Files**". Make sure to keep that folder out of the **Downloads** folder.

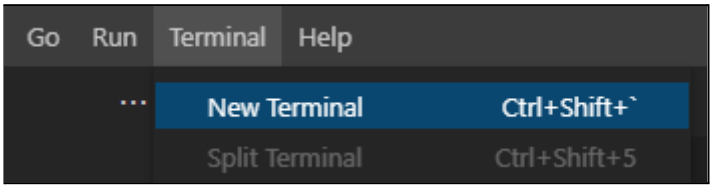
Specific Tasks to complete the Project:

1. Import **os** & **shutil** modules.
2. Create two variables **from_dir** and **to_dir** to store source path and destination path, respectively.
    - Source path will direct to the **Downloads** folder
    - Destination path will direct to "**Document_Files**" folder

    ***Note**: VSC accepts paths with " / ".*
3. Create a variable, **list_of_files**, to store the names of all the files from the source path using **os.listdir()**
4. Print the **list_of_files** to check in the terminal by running the code.

```
list_of_files = os.listdir(from_dir)
print(list_of_files)
```

5. Run the code using Terminal.



- Run the file using **python Move_File.py / py Move_File.py**
- You will see the names of all the files present at the Source path.

6. Create a **for-in** loop to traverse through the **list_of_files**:
    - Use **os.path.splitext()** on each file name to capture the name & extension of each file.

- Comment on the previous **print()** statement,

7. Run the code, check the output.
8.

Submitting the Project:

1. **SAVE** all the changes made to the project.
2. Click on "**Run**" once to check if it is working.
3. Open the GitHub create a repository named **Project111**
4. Upload a file **Move_File.py** and click **Commit Changes**
5. Copy this link and submit it in the Student Dashboard Projects panel against the correct class number.

REMEMBER... Try your best, that's more important than being correct.

After submitting your project, your teacher will send you feedback on your work.

———— xxx ———— xxx ———— xxx ———— xxx ———— xxx ————