

Automation: Organizing the data

Project Summary:

The objective of the project is to automate the organization of file into its respective extension i.e. we utilize a python script to segregate a huge bulk of data into different folders

Developed Platform: Pycharm – Python version 3.7.4

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Project Description

To solve the monotonous manual work of segregating a huge amount of data into its respective extensions. We utilized python to automate the process.

How to use?

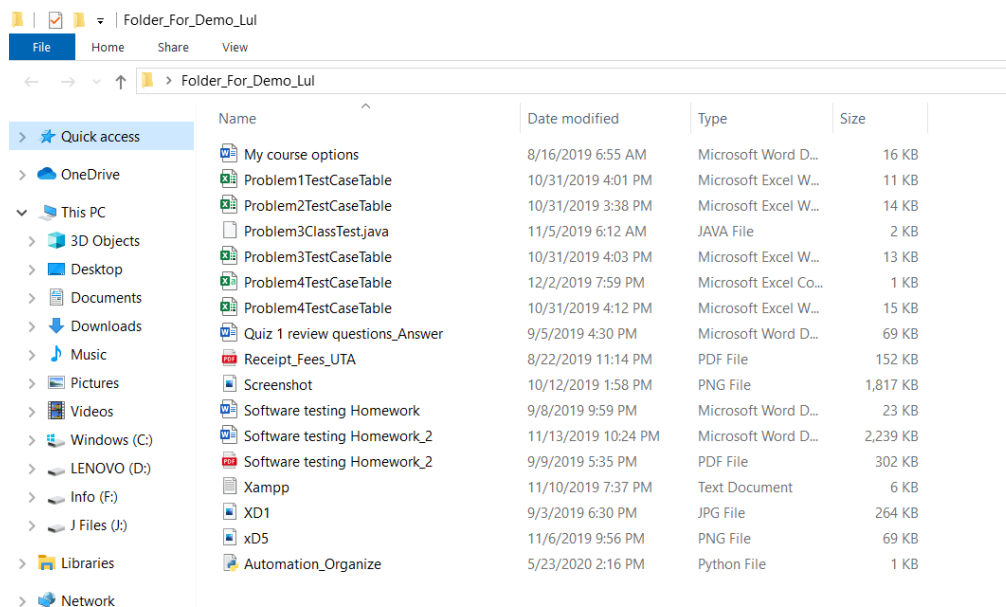
Double click the python code and witness the data organize itself to its corresponding extensions. *(Ahh Magic)*

What happens?

Suppose for example there exist 200 data, which consist of JPEG, PNG, PDF, Doc, CSV, XL. Running this script will quarantine *(like humans due to COVID)* to its respective files. In other words, a folder named PDF_files will be created to hold all the pdf files

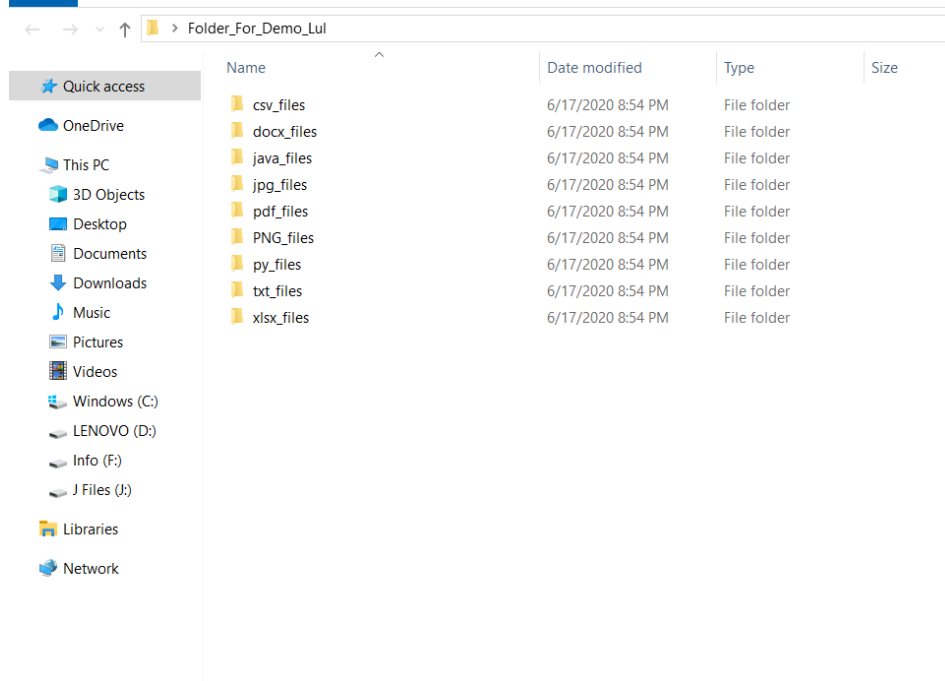
For Example:

The chaotic folder before organized (or) the chaotic folder before utilizing our script:



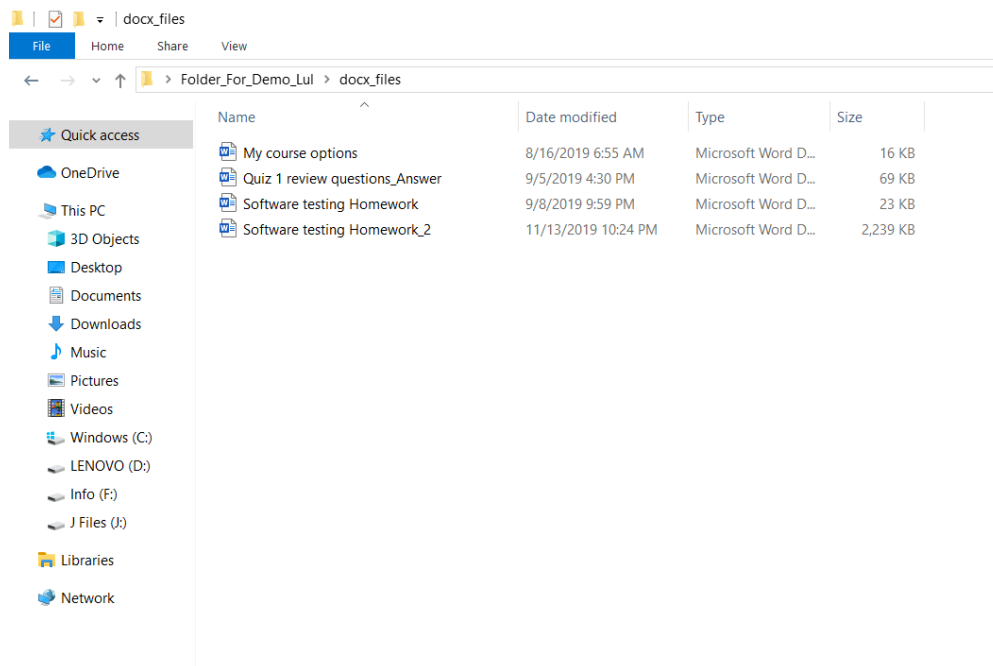
Name	Date modified	Type	Size
My course options	8/16/2019 6:55 AM	Microsoft Word D...	16 KB
Problem1TestCaseTable	10/31/2019 4:01 PM	Microsoft Excel W...	11 KB
Problem2TestCaseTable	10/31/2019 3:38 PM	Microsoft Excel W...	14 KB
Problem3ClassTest.java	11/5/2019 6:12 AM	JAVA File	2 KB
Problem3TestCaseTable	10/31/2019 4:03 PM	Microsoft Excel W...	13 KB
Problem4TestCaseTable	12/2/2019 7:59 PM	Microsoft Excel Co...	1 KB
Problem4TestCaseTable	10/31/2019 4:12 PM	Microsoft Excel W...	15 KB
Quiz 1 review questions_Answer	9/5/2019 4:30 PM	Microsoft Word D...	69 KB
Receipt_Fees_UTA	8/22/2019 11:14 PM	PDF File	152 KB
Screenshot	10/12/2019 1:58 PM	PNG File	1,817 KB
Software testing Homework	9/8/2019 9:59 PM	Microsoft Word D...	23 KB
Software testing Homework_2	11/13/2019 10:24 PM	Microsoft Word D...	2,239 KB
Software testing Homework_2	9/9/2019 5:35 PM	PDF File	302 KB
Xampp	11/10/2019 7:37 PM	Text Document	6 KB
XD1	9/3/2019 6:30 PM	JPG File	264 KB
xD5	11/6/2019 9:56 PM	PNG File	69 KB
Automation_Organize	5/23/2020 2:16 PM	Python File	1 KB

The dazzling folder after utilizing our script:



Where each folder has its respective files.

For example:



Thus, by utilizing the developed script(automated) we converted a disorganized folder into an alluring folder.