

## **PYTHON PROJECT JFO: JUNK FILE ORGANIZER**

Hi Friends, basically my program of Junk File Organizer, I call it JFO is created specially for lazy programmer as our desktop is full of mess and many junk files.

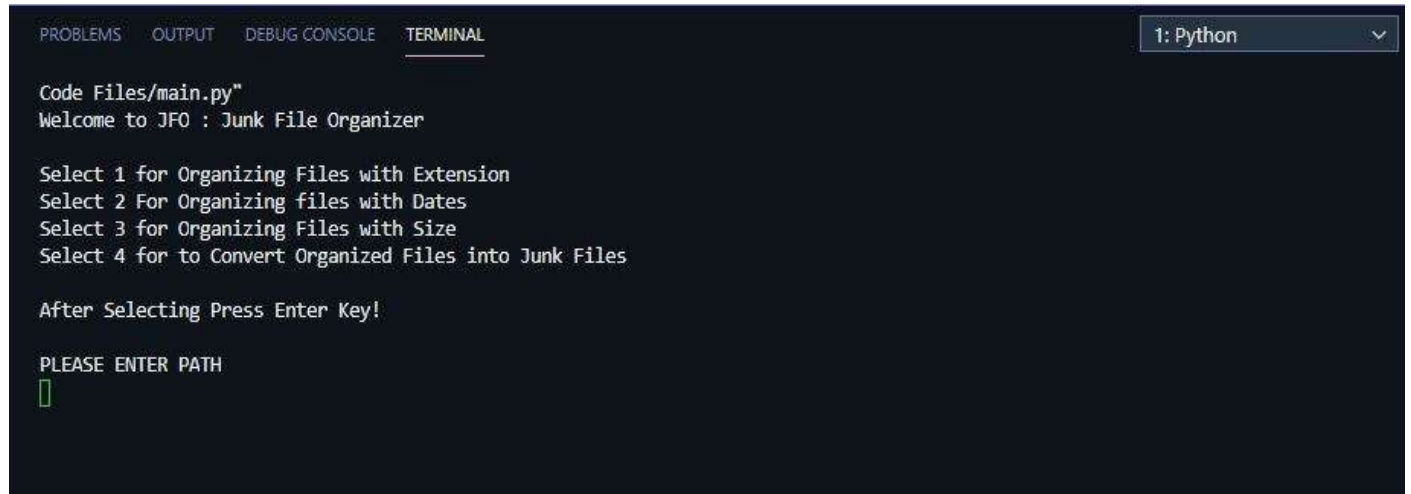
Due to the large number of files, it is a very difficult and time-consuming task to sit and organize each file one by one. To make that task easy the below Python code comes handy and all the files are organized in a well-manner within few milliseconds with just one click.

For using without any outside library installed, download this file and use it for your benefit and ease of sorting your mess and junk from your desktop.

**Main functionality of this code is mentioned below with their explanation.**

- 1.Organize by Extension
- 2.Organize by Size
- 3.Organize by Date and Time
- 4.Re-Organize ordered file into Junk File as they were previously.

## # Choices appear on execution



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
1: Python

Code Files/main.py"
Welcome to JFO : Junk File Organizer

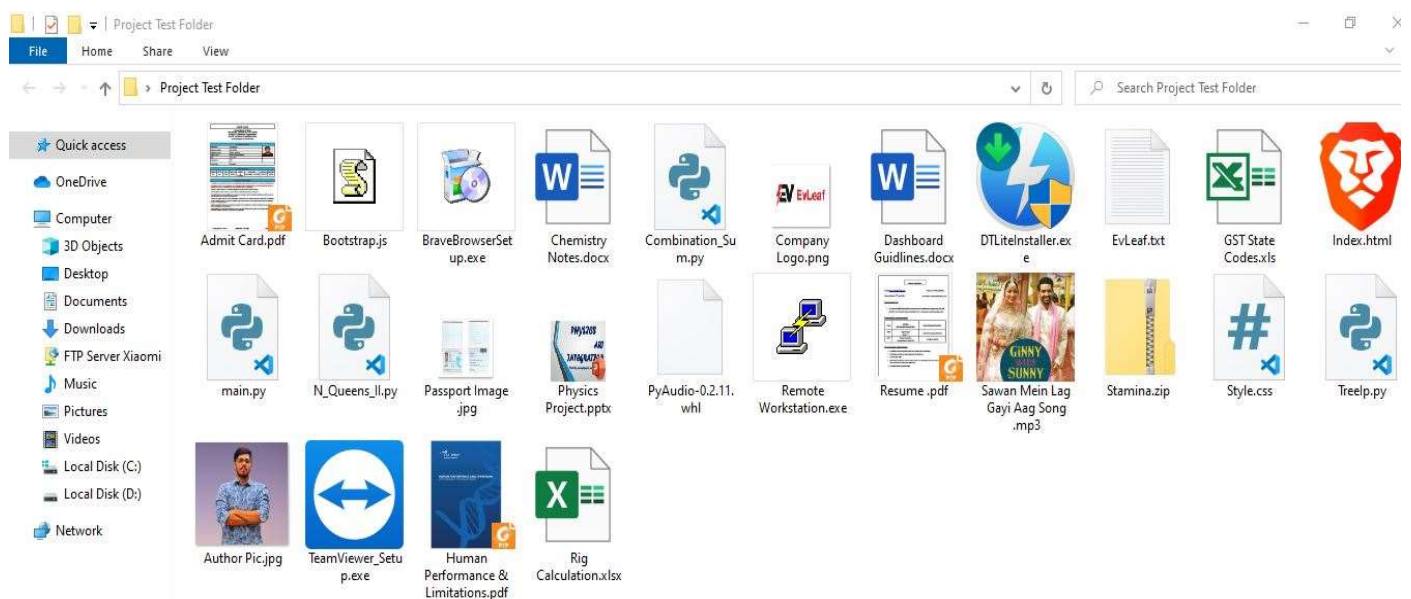
Select 1 for Organizing Files with Extension
Select 2 For Organizing files with Dates
Select 3 for Organizing Files with Size
Select 4 for to Convert Organized Files into Junk Files

After Selecting Press Enter Key!

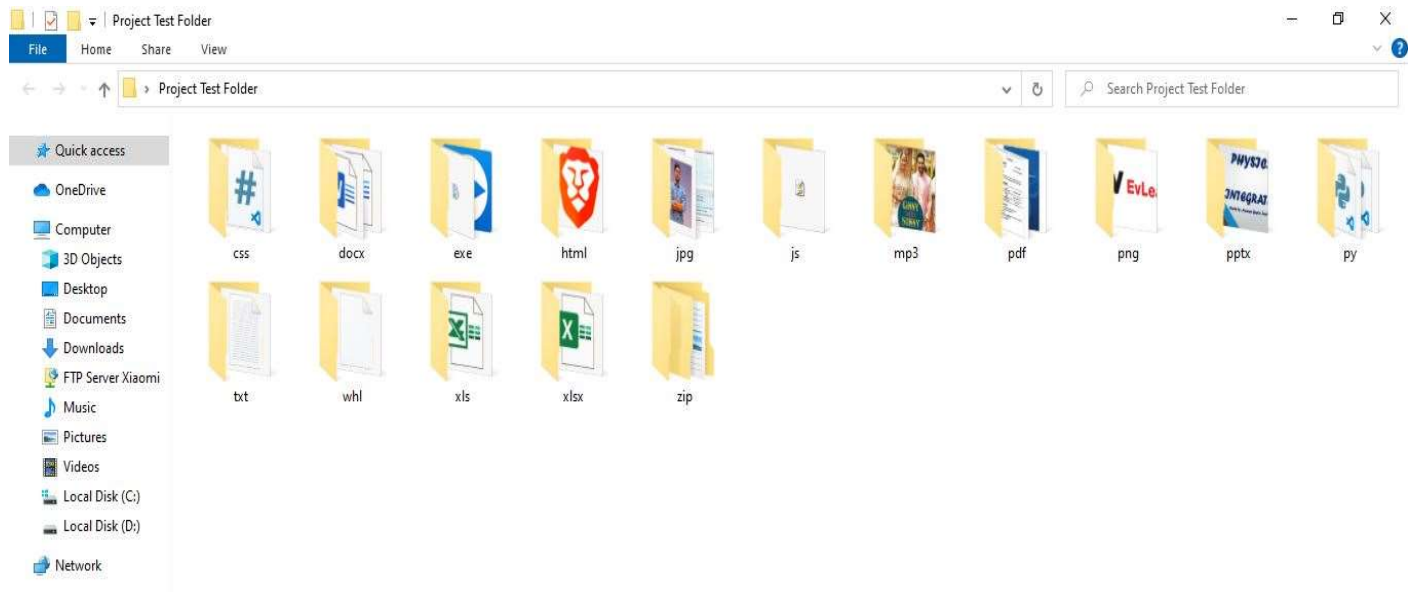
PLEASE ENTER PATH
█
```

So, as shown above the user will choose which method to opt for the execution of their junk files and organize them in the way mentioned with each selection method.

## # Before Execution of the python program the folder looks like this as shown in figure below.



**# After Execution of program the file look like as shown in figure below:**



Things that going to perform in the program -

**1. Organize by Extension:**

In this your files get organized by the means of using the file extensions such as if you have a text file the extension would be (.txt) same as with Image file having extension (.img,.jpg), .pdf etc.

**2. Organize by size:**

In this your files get organized by the means of using the Size of the file i.e., Kilobyte, Megabytes, Gigabytes.

**3. Organize by Time and Date**

In this your file get organized by using this option user can organize their files by last used date. random folders will be created according to files last used date and all files will be moved to folders.

**4. Convert well organized file into junk file as the wording itself is very clear**

In this your Organized File gets converted back into Junk File and all the extra folder are get deleted.

Please Note:

If user provide wrong path than program will ask to enter valid path for execution of the code.

# For the user who cloning the file from GitHub.

When any user who cloning the file from GitHub then for execution of the program he executes the main.py first after execution choices will appear on the screen and on the basis of that choices the operation will be performed and the file will get organized into the path he has entered.

# Some important things used in project while making i.e., Libraries

I used many built-in libraries of python such as shutil for file movement, datetime to get the date of the files, argparse for the command line parsing and etc.

#Further Improvement:

We can design an UI for the program so a normal user can easily interact with it. We can add more features like deleting the junk files after a certain period of time and much more.

In addition, we can add the GUI buttons and interface to look more attractive and impressive, easy to play.

Thanks for going through my project hoping you may have liked and enjoyed it!

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