

# Junk File Organizer

The Aim of the Junk file organizer is to arrange all the random files on the PC based on the file extensions, Size and Date modified. The Junk file organizer it will create the generic name folders then the code will drag the files to the respective folders. The code will run as a script. This way, it Organize the files in your PC

## About

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Every month, we tend to download cat photos or productivity-enhancing programs that you know you would never use again, and those random one-time installers that you forget to delete after you first set up your new PC. Still, we all know it ends up just sitting on your desktop, for years. We are very lazy when it comes to organizing files on our PC and I we never look back until the PC run out of storage space.

This program is made for those Lazy programmers who want to organize their files like a Ninja

## Used MODULES

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1. **os** : This module is used to read files within the folder and also to read the file size.
2. **Time** : To convert time in to local time
3. **Shutil** : IT deal with operations on files and their collections. It provides the ability to copy and removal of files.

## REQUIREMENTS

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1. File handling in python
2. Usage of OS module
3. Recursion
4. Usage of Shutil module

## APPROACH

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1. Import all the library functions required ..like shutil...os etc..
2. Create different folders based on type of files we are going to segregate into different folders
3. Create a map of files into their respective folders
4. Create a function to filter file types into their respective folders
5. Use os module of python to recursively list out all the files that are present in the folders with their relative and absolute path
6. Using Shutil module of python, move all the folders into a newly created "organized" folder.
7. Using Time module , we can convert time in to local time
8. Declare a Class called “organize” to wrap all the methods in to it

## RUNNING THE CODE

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1. When u open the Junkfile\_organizer.py script, It will ask you to select the options
2. Out of those options enter your choice (Ex: Enter option 1 for Organizing files according to their extensions
3. The final step it will ask you to enter the directory. You can copy and paste the path of the folder or directory where you want to Organize the file and press enter