

# JUNK FILE ORGANIZER

Everyone has their own favorite methodology of organizing and filing and it's all too easy to get into "My Way is Better than Your Way" arguments. The reality is that there is no perfect way of getting things organized

## Main functionality of this code

1. Organize by extension
2. Organize by size
3. Organize by Last used/accessed date

First some choices are appear like-



```
C:\Windows\system32\cmd.exe - python main.py
Microsoft Windows [Version 10.0.10240]
(c) 2015 Microsoft Corporation. All rights reserved.

C:\Users\Naveed>cd Desktop
C:\Users\Naveed\Desktop>cd project
C:\Users\Naveed\Desktop\project>python main.py

Select 1 for organise file with extension
Select 2 for organise file with dates
Select 3 for organise file with size
Select 4 for to convert organise file into junk file
If you done with modification just press enter
ENTER the Path
*
```

On basis of choices provided user need to give the specific input based on the available choices for the file to be organized .Then after the files are arranged in specific manner based on the input provided.

As the figure shown below -

Input – Directory name

```
Microsoft Windows [Version 10.0.18362]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\Manish\Desktop>
C:\Users\Manish\Desktop> cd project
C:\Users\Manish\Desktop\project> python main.py

Select 1 for organize file with extension
Select 2 for organize file with dates
Select 3 for organize file with size
Select 4 for to convert organize file into sub file
If you 'done' with modification just press enter

ENTER THE PATH
C:\Users\Manish\Desktop\project
Enter The Choice
1
ORGANIZE BY Extension
```

Before execution of the program files appears to be similar to the Figure below:



## Output

After the execution part all the files are arranged in specific order.



Output process will be based on the input given by the user.

## Things that going to perform in the program -

### 1. Organize by extension:

By using this option user can organize their files by their file extension in a given folder, folder will be created according to file extension and finally all files will be moved to a created folder.

### 2. Organize by size:

By using this option user can organize their files by their file size, according to file sizes random folders will be created and respective files will be moved to them.

### 3. Organize by date:

By using this option user can organize their files by last used date. Random folders will be created according to file's last used date and files will be moved to them

## **Usage:**

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

## **Future Improvements:**

We can design the 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

## **Note:**

If user wants junk file instead of well organized file then the program is going to perform that task and if user organize a file with different type by mistake then the programmer can organize that in their choice. If user fails to provide the exact path then the program will tell to provide valid path to be executed.