JUNK FILE ORGANIZER

Basically, as a lazy programmer my desktop is full of mess and junk.

Due to the large number of files, it is a daunting task to sit and

organize each file. To make that task easy the below Python script

comes handy and all the files are organized in a well-manner within

seconds.

For using without any outside library installed, download this file and

use it

Main functionality of this code

```

1.Organize by extension

2.Organize by size

3.Organize by Number of days

4.Re-Organize ordered file into junk file

```

Choices appear on execution-

```
Samhi@DESKTOP-AU0I7JH MINGW64 ~/Desktop/project-jayasamhitha-pulicherla-au13/mai
$ C:/Users/samhi/AppData/Local/Programs/Python/Python39/python.exe c:/Users/samh
in_file/main.py

Select 1 for organizing files with extension

Select 2 for organizing files with dates

Select 3 for organizing files with size


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

If you are done press enter

ENTER PATH
```
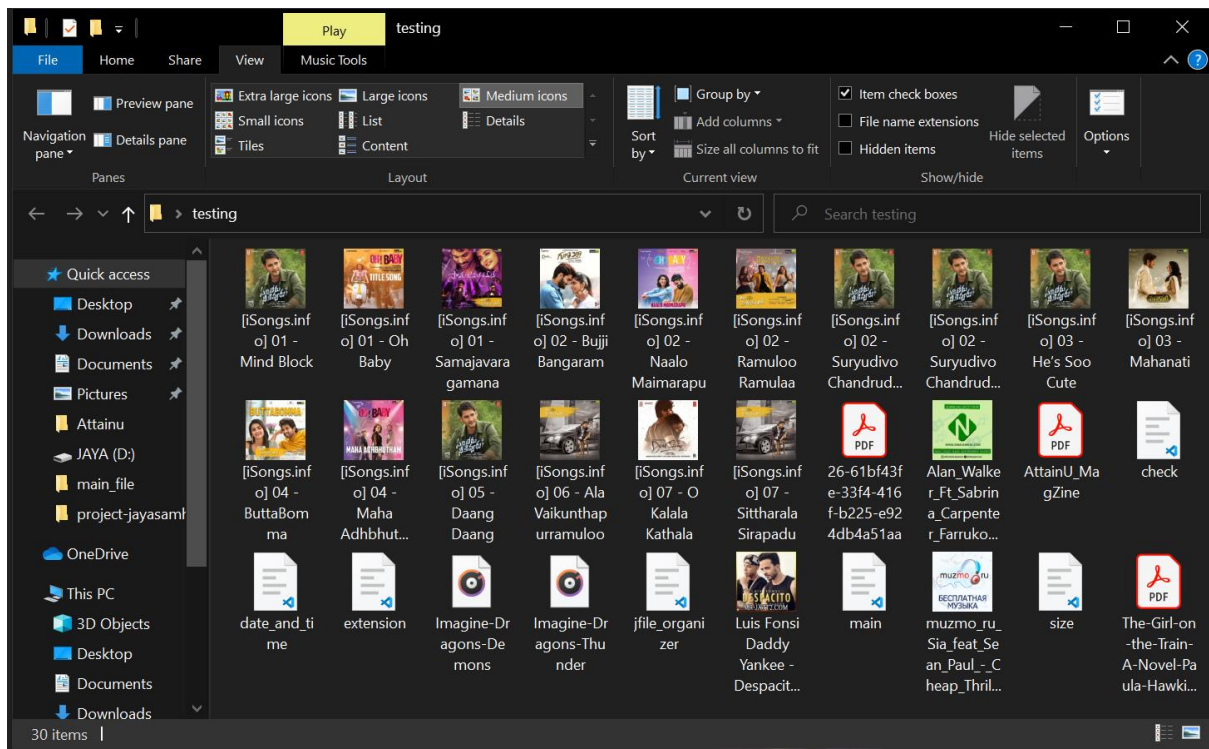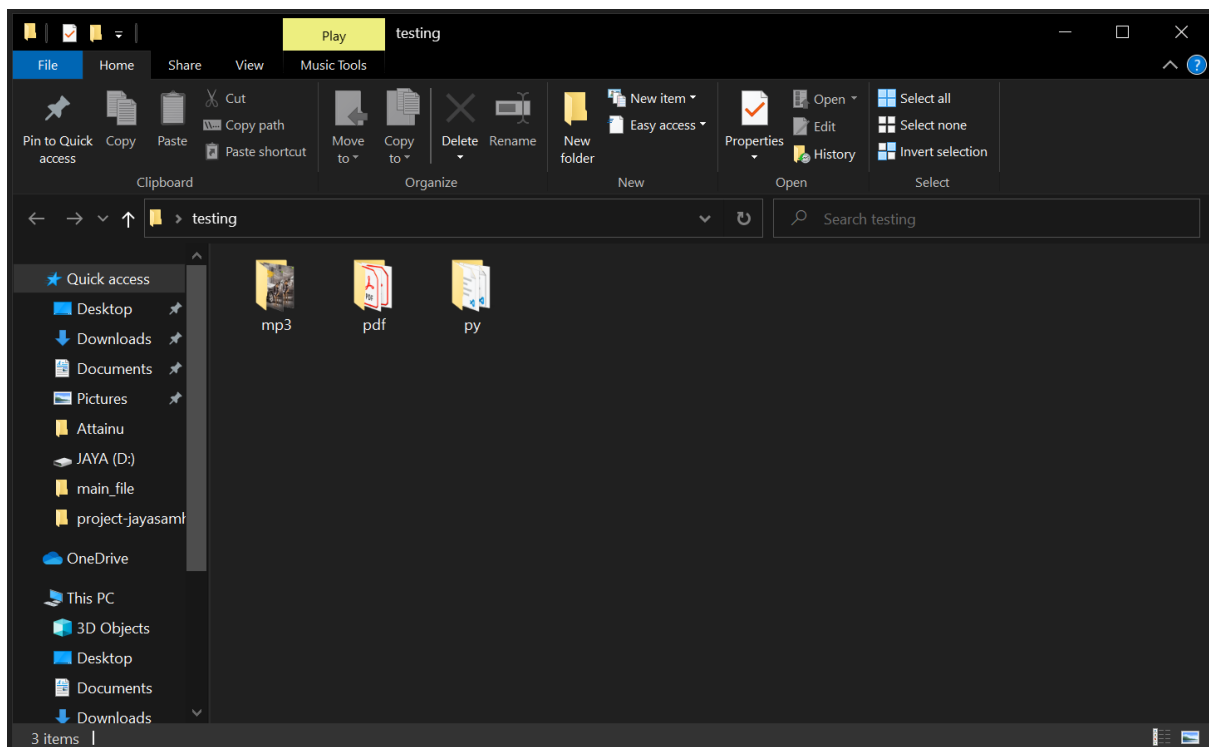
Depending on the Choices displayed User give desired path as first input and then choice

on the basis of choosen choice files are organized.

Before Execution of program the file look like as shown in figure

After Execution of program the file look like as shown in figure

Things that going to preform in the program -
```

1. Organise 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. Organise 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. Organise by Last used/accessed date

   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

   files will be moved to them.

4. Convert well organised file into junk file

   By using this option our organised file is converted into junk file and all

   the extra folder are get deleted.
```

Note

If a user want junk file instead of well organised file than the

program will gone to perform that task and if user organise a file with

different type by mistake than he run the program and organise that in

there choice

Note

if user provide wrong path than

program will ask to enter valid path for execution

For the user who cloning the file from github

when any user who cloning the 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 preformed.

Some important things used in project

I used many built-in libraries like- 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.