

# **Read me for Infrastructure Engineering Assignment**

Two .exe file is attached namely 'move\_files.exe' and 'scan\_folder.exe' and two .py file is attached namely 'move\_files.py' and 'scan\_folder.py'.

## **1. move\_files.exe/move\_files.py.**

Files with following extension will move to the below mention folder:

Audio -> [".aif", ".iff", ".m3u", ".m4a", ".mid", ".mp3", ".mpa", ".wav", ".wma"]

Video-> [".3g2", ".3gp", ".asf", ".avi", ".flv", ".m4v", ".mov", ".mp4", ".mpg", ".rm", ".srt", ".swf", ".vob", ".wmv"]

Documents and text -> [".doc", ".docx", ".odt", ".rtf", ".tex", ".txt", ".wks", ".wps", ".wpd"]

Presentation -> [".key", ".odp", ".pps", ".ppt", ".pptx"]

Pdf -> [".pdf"]

Data File -> [".csv", ".dat", ".log"]

Spreadsheet -> [".ods", ".xlr", ".xls", ".xlsx"]

Compressed File -> [".7z", ".arj", ".deb", ".pkg", ".rar", ".rpm", ".tar.gz", ".z", ".zip"]

Excecutable File -> [".apk", ".bat", ".bin", ".cgi", ".pl", ".com", ".exe", ".gadget", ".jar", ".py", ".wsf"]

Image -> [".jpg", ".jpeg", ".png", ".gif", ".ico", ".png", ".tif", ".tiff"]

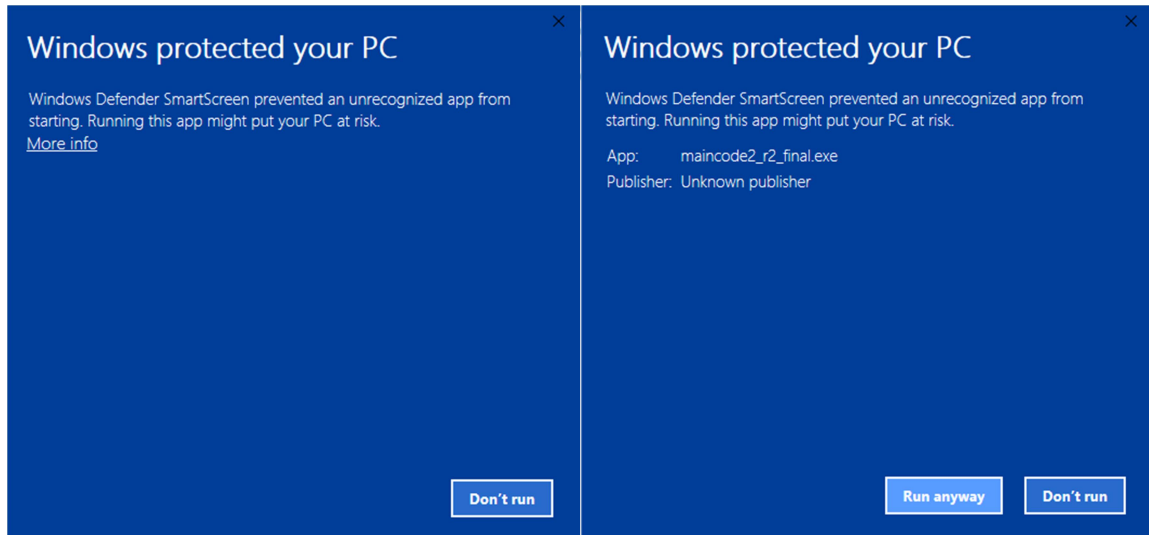
Internet related -> [".asp", ".aspx", ".cer", ".cfm", ".csr", ".css", ".htm", ".html", ".js", ".jsp", ".php", ".rss", ".xhtml"]

## **To run script in windows**

move\_files.exe

By running 'move\_files.exe' all files of desktop will move to a folder in documents folder according to their extension

If windows defender smartscreen prevents this exe from starting, then click on 'more info' and then click on 'Run anyway'



## **To run script in Ubuntu or Linux**

`move_files.py`

- Go to the folder where this file is stored, and do right click on empty space inside the folder and then click on 'open terminal'
- Then write `python Move_files.py`
- Then the above command will run the script

## **2. scan\_folder.exe/scan\_folder.py**

In this script users will have to give a folder path in which he wants to find top 10 largest file by size.

### **To run script in windows**

`scan_folder.exe`

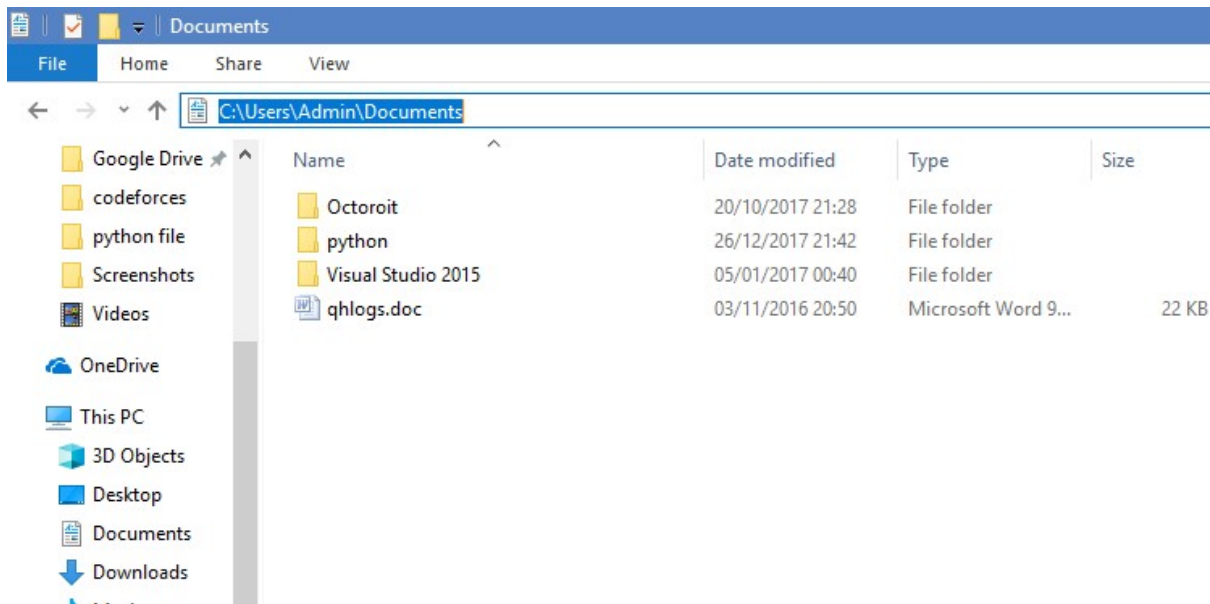
Some examples for writing folder path is given below:

- `C:\` → For 'C' drive

- E:\ → For 'E' drive
- G:\Apps setup → For 'App setup' folder stored in 'G' drive
- C:\Users\Admin\Documents → For Documents folder stored in 'C' drive

## Steps for finding folder path

Open a folder of your chose in explorer and click on the top where path of this folder is shown. A screenshot is attached below for your reference.



Although you can also find the folder path by going to property of that folder

Also you can run '.py' file if python is installed in your pc.

## To run script in Ubuntu or Linux

scan\_folder.py

- In this script users will have to give a folder path in which he wants to find top 10 largest file by size.
- Some examples for writing folder path is given below:
- / → For Root
- /home → For home directory
- /home/saurabh/Downloads → For Downloads folder

You can find the folder path by the going to property of the folder