Windows File/Folder Organization and Command Shell

These images demonstrate file and folder organization on Windows and running Python from the Windows Command Prompt.
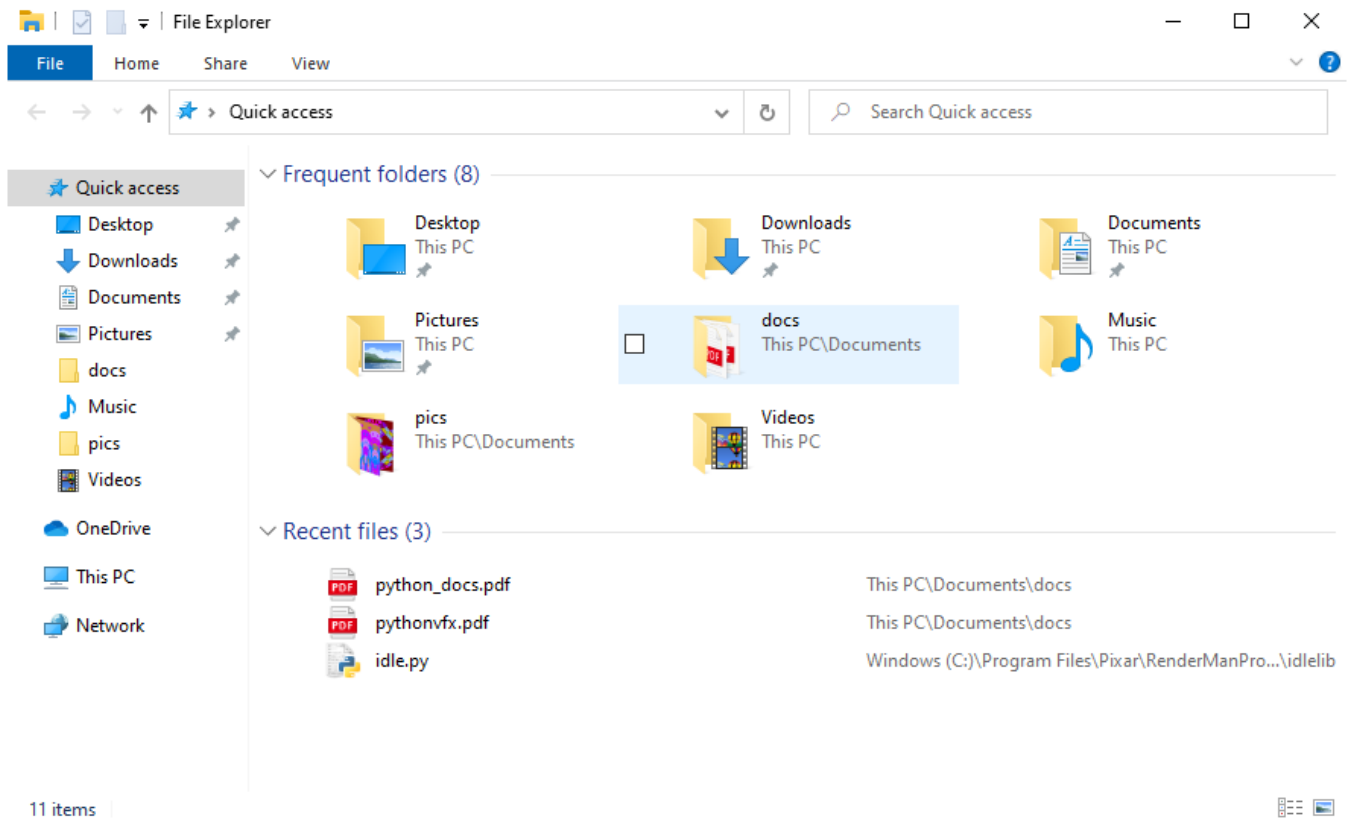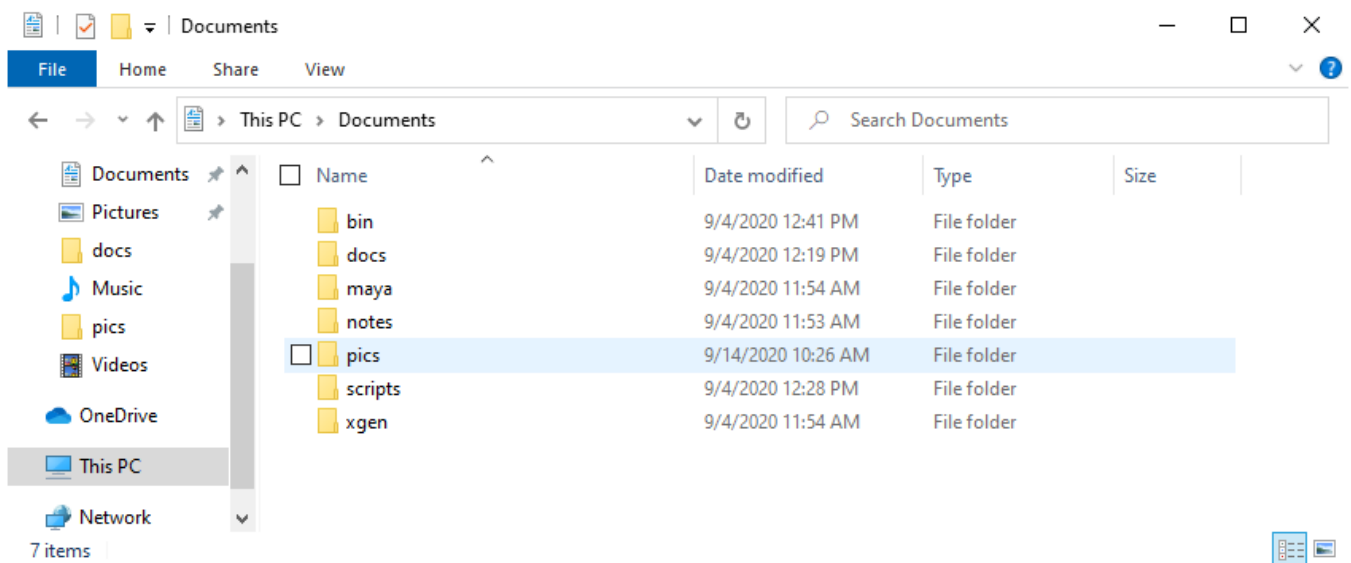
Figure 1
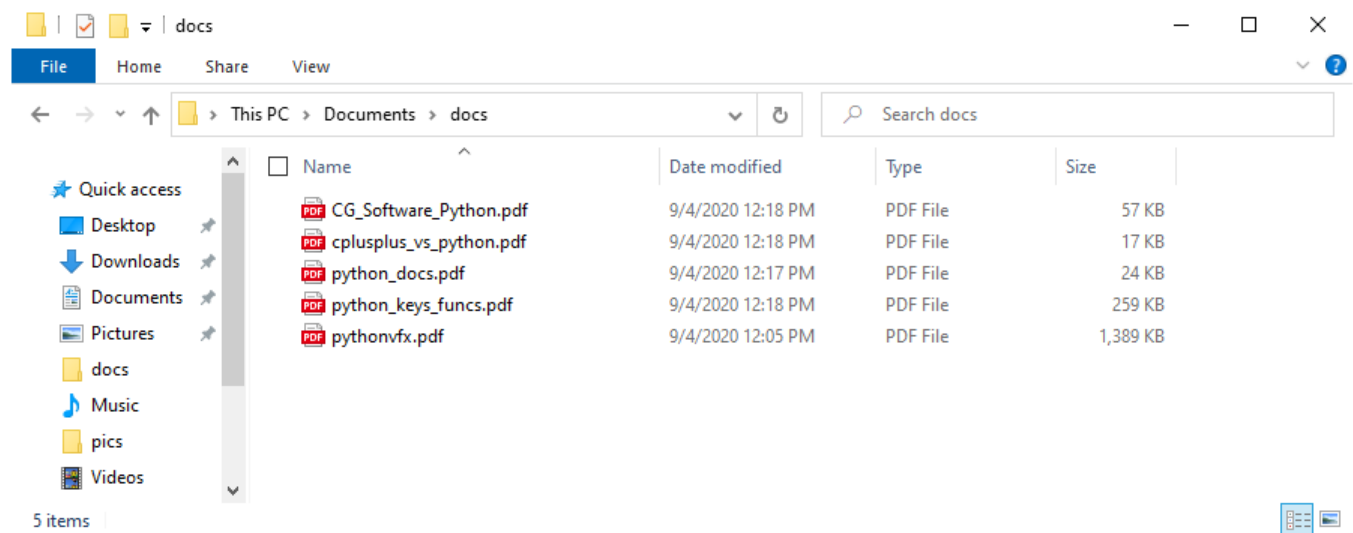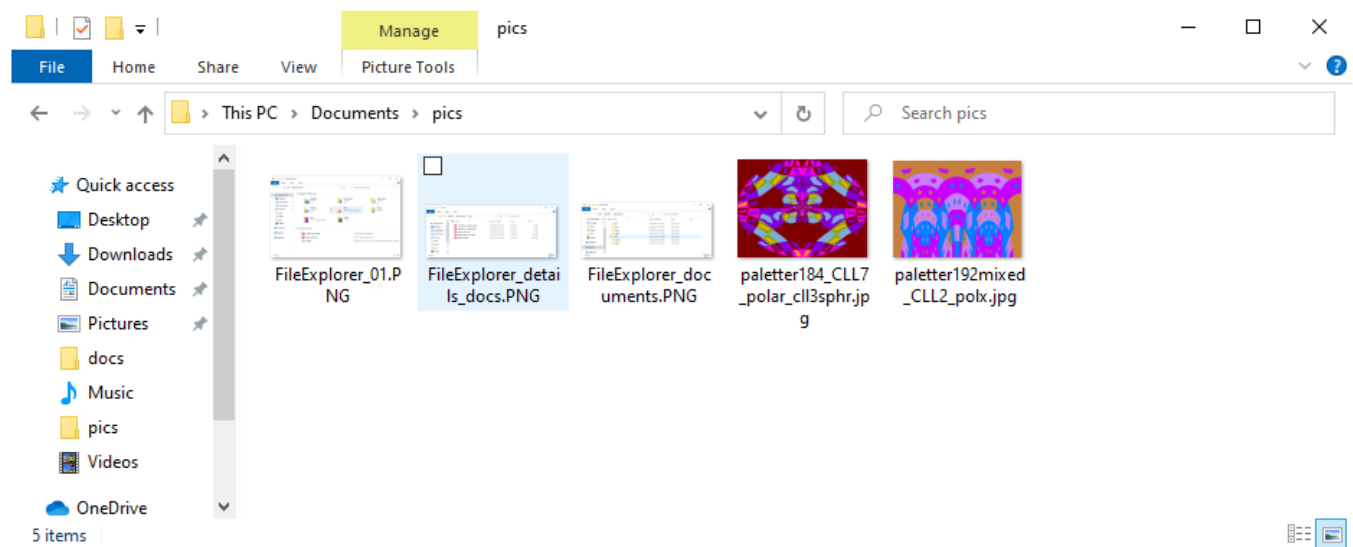

Figure 2

Figure 3

Figure 4

Here are a couple of tutorials on how to run the Windows Command Line which is the executable program: cmd.exe. The next 2 screen grabs demonstrate running Python from the Command Line.
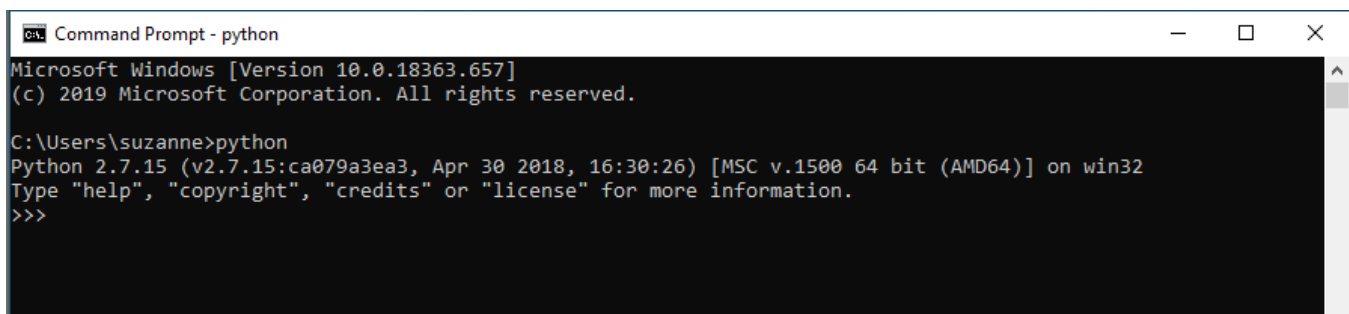
How to Open Windows Command Prompt in Windows 10

https://www.youtube.com/watch?v=uE9WgNr3OjM&ab_channel=howtwos101

How To Find and Open Files Using Command Prompt

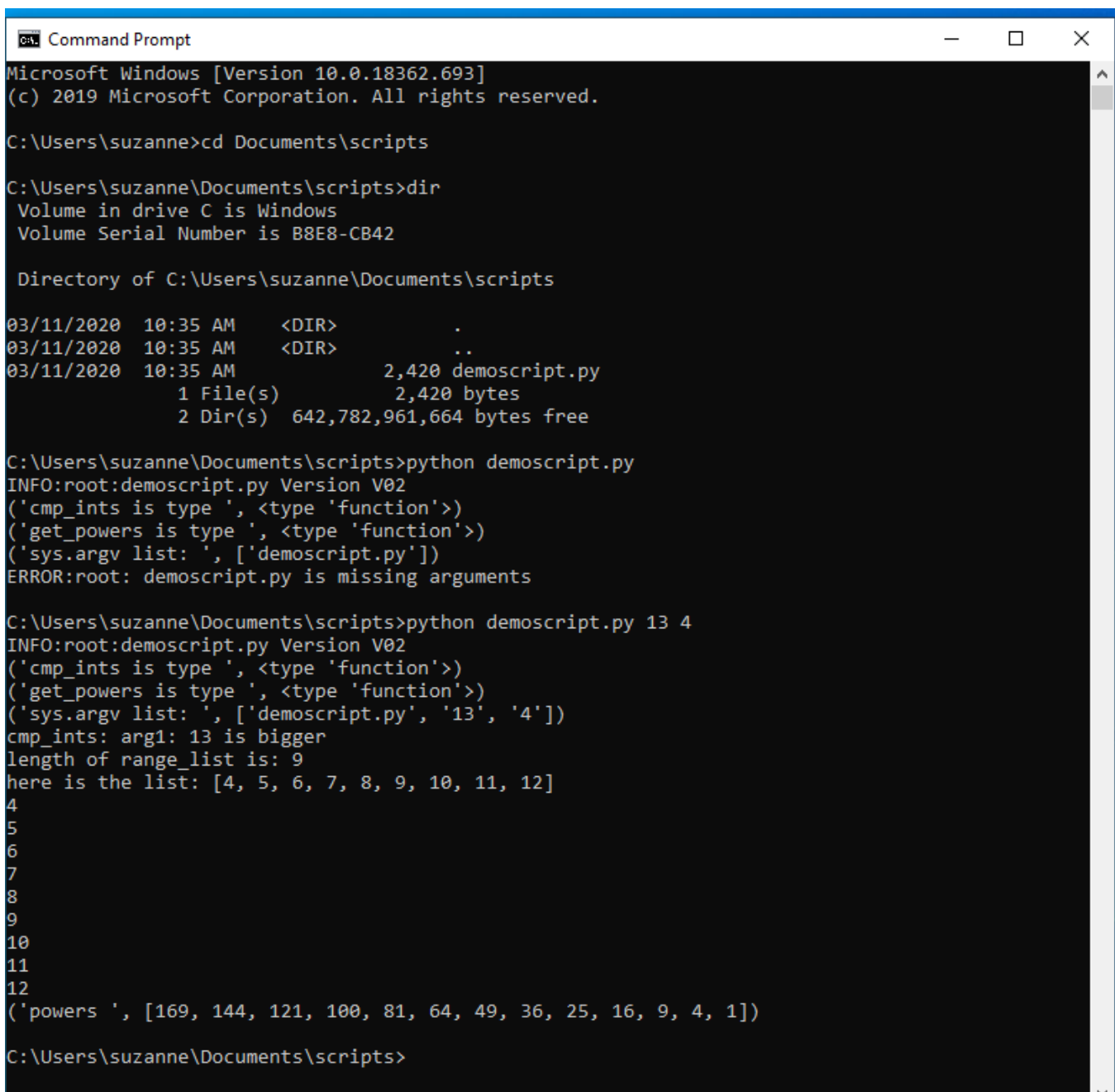https://www.howtogeek.com/674537/how-to-find-and-open-files-using-command-prompt/

Figure 5

```
Command Prompt - python                                                    —   □   ×

Microsoft Windows [Version 10.0.18363.657]
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C:\Users\suzanne>python
Python 2.7.15 (v2.7.15:ca079a3ea3, Apr 30 2018, 16:30:26) [MSC v.1500 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>>
```

Figure 6

```
Command Prompt                                                             —   □   ×

Microsoft Windows [Version 10.0.18362.693]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\suzanne>cd Documents\scripts

C:\Users\suzanne\Documents\scripts>dir
 Volume in drive C is Windows
 Volume Serial Number is B8E8-CB42

 Directory of C:\Users\suzanne\Documents\scripts

03/11/2020  10:35 AM    <DIR>          .
03/11/2020  10:35 AM    <DIR>          ..
03/11/2020  10:35 AM             2,420 demoscript.py
               1 File(s)          2,420 bytes
               2 Dir(s)  642,782,961,664 bytes free

C:\Users\suzanne\Documents\scripts>python demoscript.py
INFO:root:demoscript.py Version V02
('cmp_ints is type ', <type 'function'>)
('get_powers is type ', <type 'function'>)
('sys.argv list: ', ['demoscript.py'])
ERROR:root: demoscript.py is missing arguments

C:\Users\suzanne\Documents\scripts>python demoscript.py 13 4
INFO:root:demoscript.py Version V02
('cmp_ints is type ', <type 'function'>)
('get_powers is type ', <type 'function'>)
('sys.argv list: ', ['demoscript.py', '13', '4'])
cmp_ints: arg1: 13 is bigger
length of range_list is: 9
here is the list: [4, 5, 6, 7, 8, 9, 10, 11, 12]
4
5
6
7
8
9
10
11
12
('powers ', [169, 144, 121, 100, 81, 64, 49, 36, 25, 16, 9, 4, 1])

C:\Users\suzanne\Documents\scripts>
```

This screen grab shows the location of idle.bat for Python 2.7. If you are a regular Python developer, then creating a shortcut of idle.bat on your desktop is recommended.

Figure 7