Installing Python + Running a Local HTTP Server (on Windows)

Go to: https://developer.mozilla.org/en-US/docs/Learn/Common_questions/set_up_a_local_testing_server#Running_a_simple_local_HTTP_server#Running_a_simple_local_HTTP_server

Python Softwar...oundation [US] https://www.python.org

Python | PSF | Docs | PyPI | Jobs | Community

python

Search GO Socialize

About | Downloads | Documentation

Community | All releases | News | Events

Source code

Windows

Mac OS X

Other Platforms

License

Alternative Implementations

```
# Python 3: Fibonacci ser
>>> def fib(n):
>>>     a, b = 0, 1
>>>     while a < n:
>>>         print(a, end=
>>>         a, b = b, a+b
>>>     print()
>>> fib(1000)
0 1 1 2 3 5 8 13 21 34 55 89 144 233 377 610 987
```

Functions Defined

The core of extensible programming is defining functions. Python allows mandatory and optional arguments, keyword arguments, and even arbitrary argument lists. More about defining functions in Python 3

1 2 3 4 5

Python Releases for Windows

- Latest Python 3 Release - Python 3.7.0
- Latest Python 2 Release - Python 2.7.15

- Python 3.7.0 - 2018-06-27
  - Download Windows x86 web-based installer
  - Download Windows x86 executable installer
  - Download Windows x86 embeddable zip file
  - Download Windows x86-64 web-based installer
  - Download Windows x86-64 executable installer
  - Download Windows x86-64 embeddable zip file
  - Download Windows help file
- Python 3.6.6 - 2018-06-27
  - Download Windows x86 web-based installer
  - Download Windows x86 executable installer
  - Download Windows x86 embeddable zip file

this one!

Python 3.7.0 (32-bit) Setup

Install Python 3.7.0 (32-bit)

Select Install Now to install Python with default settings, or choose
Customize to enable or disable features.

Install Now
C:\Users\rLeopold\AppData\Local\Programs\Python\Python37-32

Includes IDLE, pip and documentation
Creates shortcuts and file associations

Customize installation
Choose location and features

python for windows

Make sure to check this box

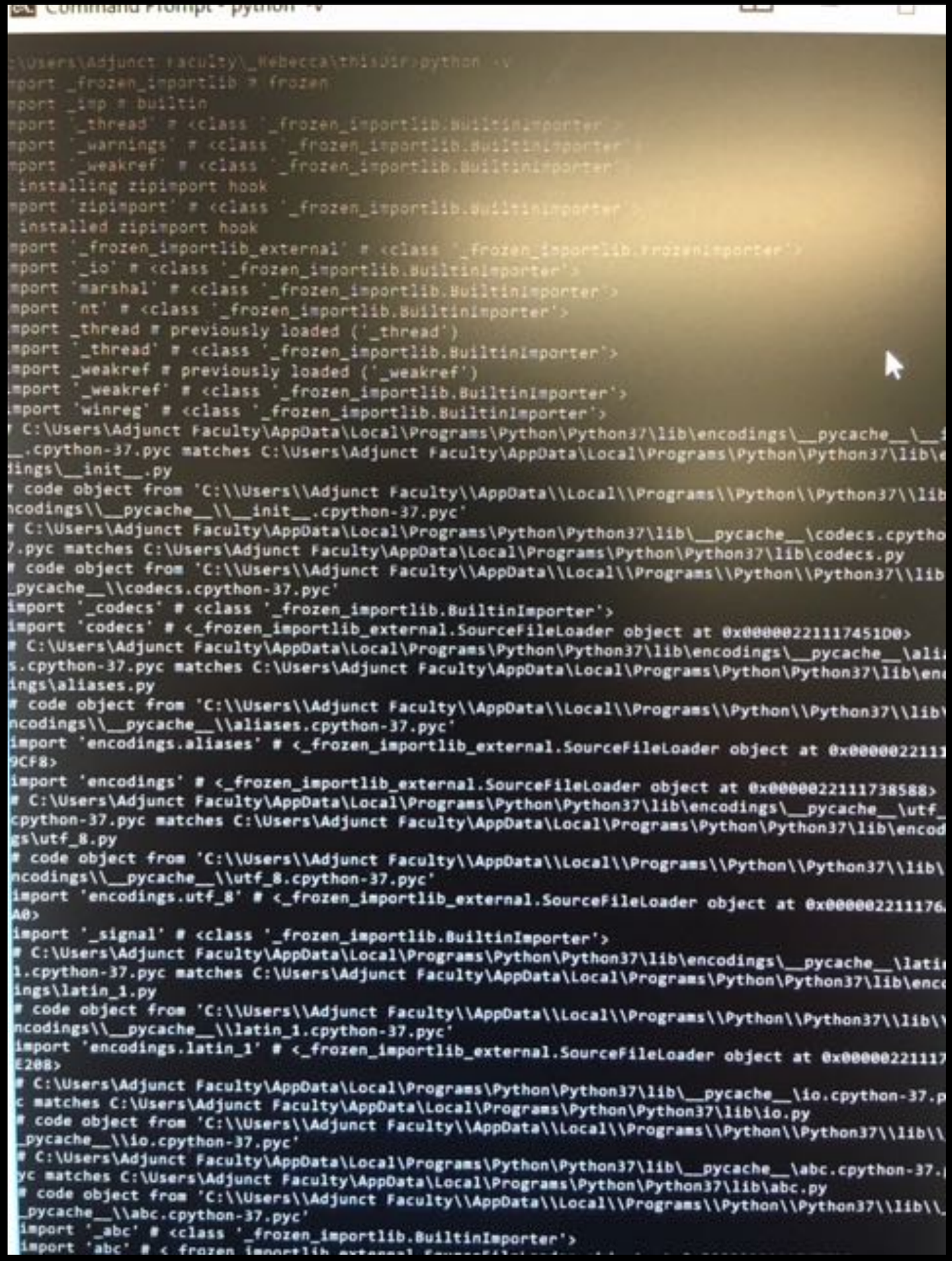
☑ Install launcher for all users (recommended)

☑ Add Python 3.7 to PATH

Cancel

after the installation -
open command prompt
type in:
python -v

if something like this…



… and this:

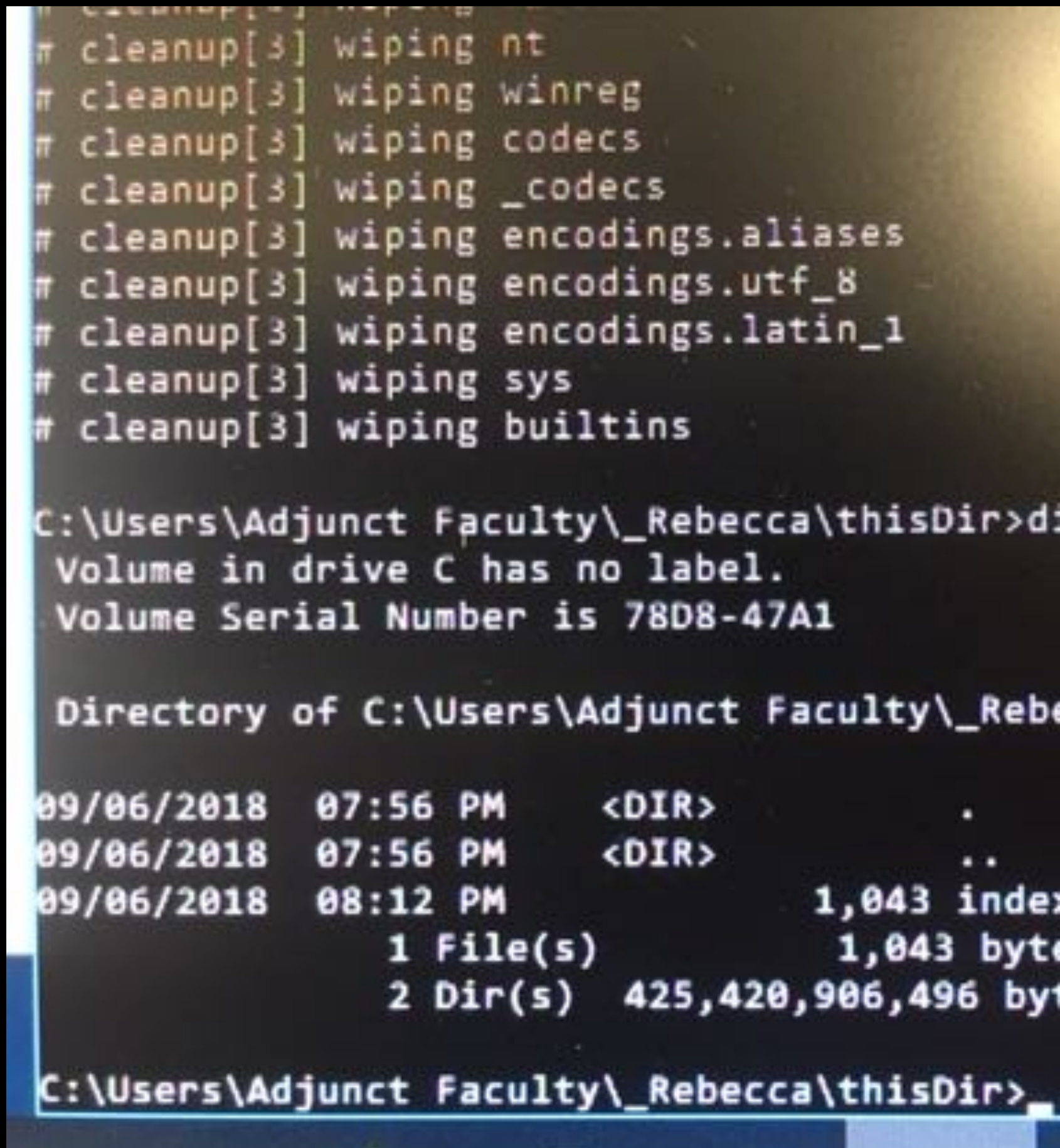
success!!

```
# code object from 'C:\\Users\\Adjunct Faculty\\AppData\\Local\\Programs\\Python\\Python37\\lib\\
_pycache__\\_collections_abc.cpython-37.pyc'
import '_collections_abc' # <_frozen_importlib_external.SourceFileLoader object at 0x00000221117
1B8>
import 'os' # <_frozen_importlib_external.SourceFileLoader object at 0x00000221117815F8>
# C:\Users\Adjunct Faculty\AppData\Local\Programs\Python\Python37\lib\__pycache__\_sitebuiltins.c
ython-37.pyc matches C:\Users\Adjunct Faculty\AppData\Local\Programs\Python\Python37\lib\_sitebui
tins.py
# code object from 'C:\\Users\\Adjunct Faculty\\AppData\\Local\\Programs\\Python\\Python37\\lib\\
_pycache__\\_sitebuiltins.cpython-37.pyc'
import '_sitebuiltins' # <_frozen_importlib_external.SourceFileLoader object at 0x00000221117819
>
import 'site' # <_frozen_importlib_external.SourceFileLoader object at 0x00000221117752B0>
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.1914 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
import 'atexit' # <class '_frozen_importlib.BuiltinImporter'>
>>>
```

type:
quit( )

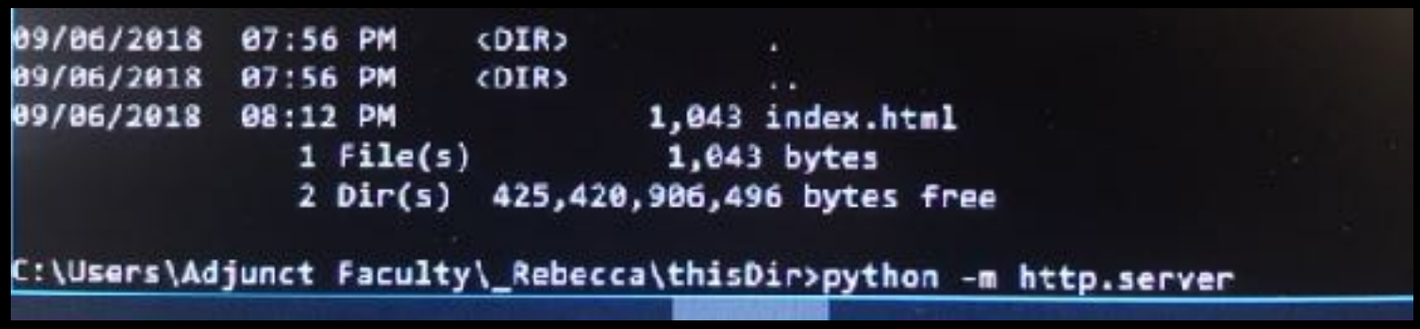
```
# C:\Users\Adjunct Faculty\AppData\Local\Programs\Python\Python37\
ython-37.pyc matches C:\Users\Adjunct Faculty\AppData\Local\Progra
tins.py
# code object from 'C:\\Users\\Adjunct Faculty\\AppData\\Local\\Pr
_pycache__\\_sitebuiltins.cpython-37.pyc'
import '_sitebuiltins' # <_frozen_importlib_external.SourceFileLoa
>
import 'site' # <_frozen_importlib_external.SourceFileLoader objec
Python 3.7.0 (v3.7.0:1bf9cc5093, Jun 27 2018, 04:59:51) [MSC v.191
Type "help", "copyright", "credits" or "license" for more informat
import 'atexit' # <class '_frozen_importlib.BuiltinImporter'>
>>> quit()
```

and it will return you
to the directory



Terminal we are speaking **Windows** :

- **cd** + directory - “change directory”
- **dir** - “list items in this directory”
- **cd** - “present working directory”



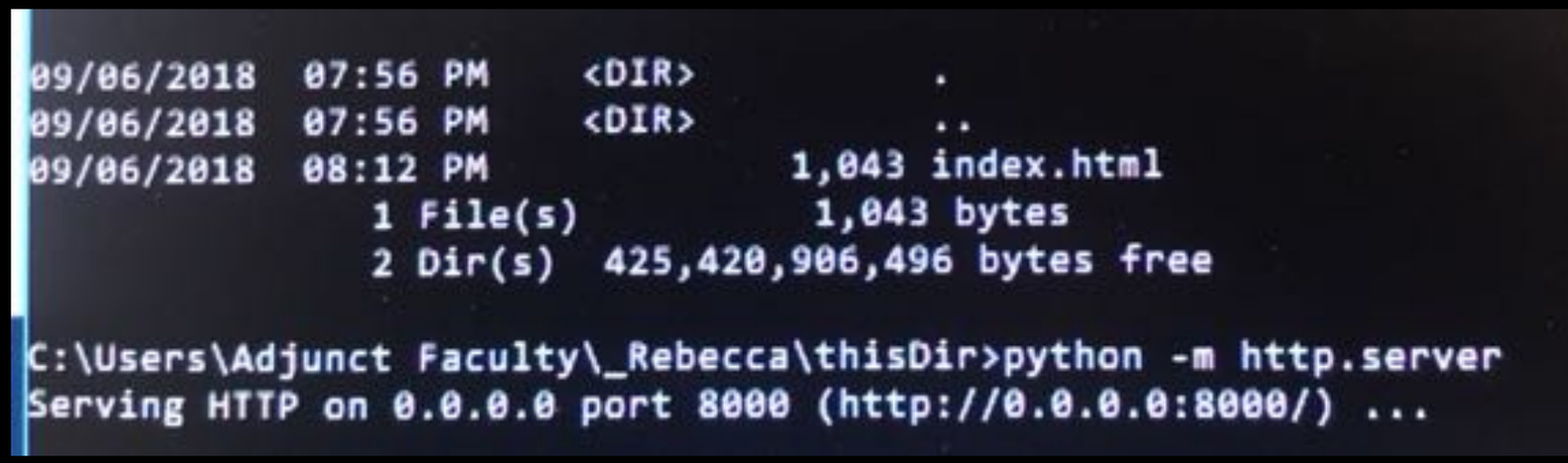
Running a local **Python** HTTP Server:

When inside yr project folder simply type the following command:

“**python -m http.server**”

– defaults to port 8000

if we wrote:

“python -m http.server 12345”

- we would go to port 12345