

Files







Complete Python 3 Bootcamp

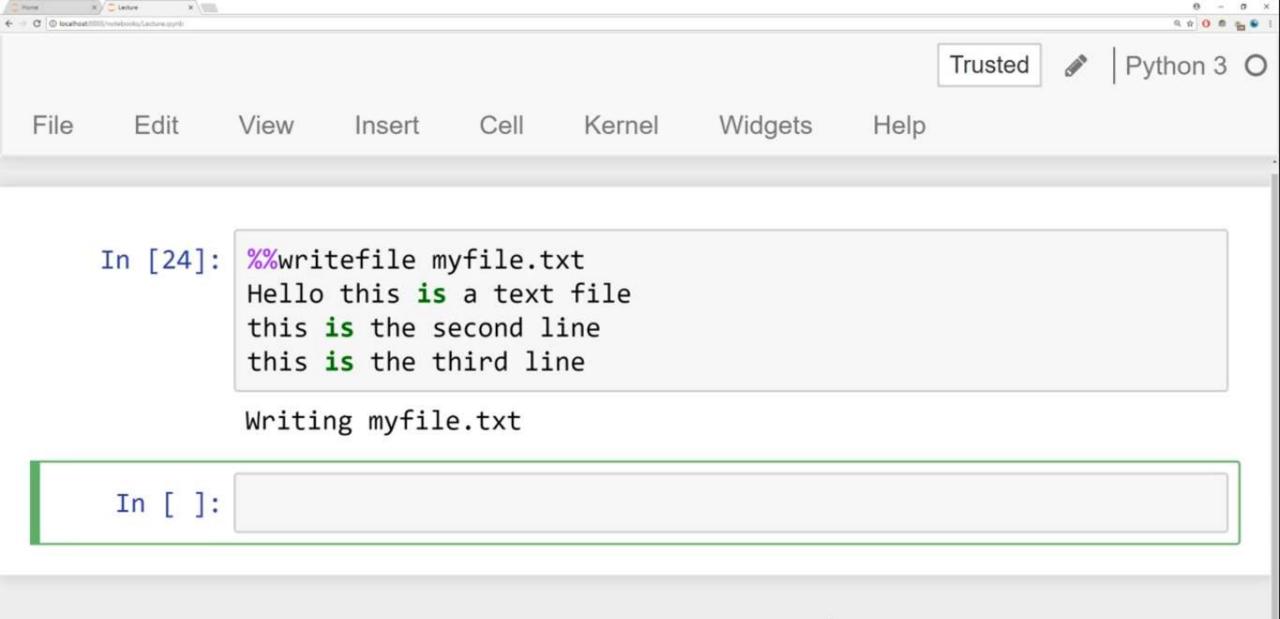
Before we finish this section, let's quickly go over how to perform simple I/O with basic .txt files.

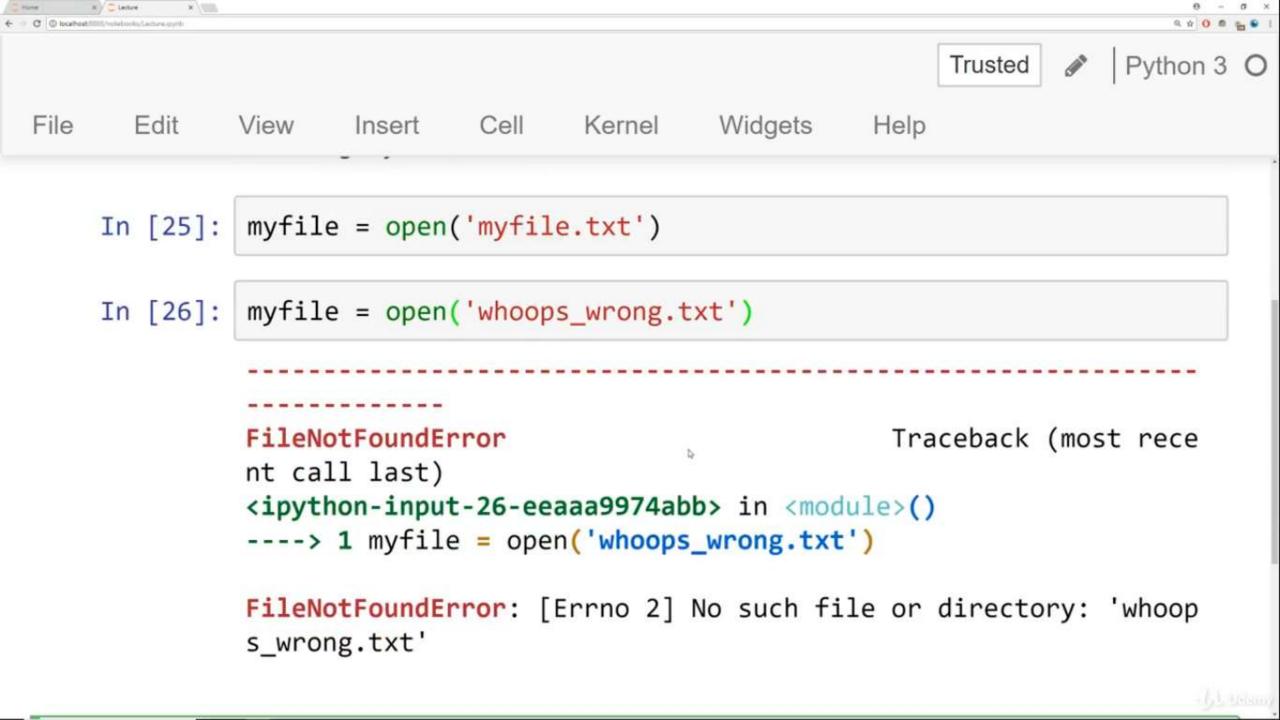
We'll also discuss file paths on your computer.

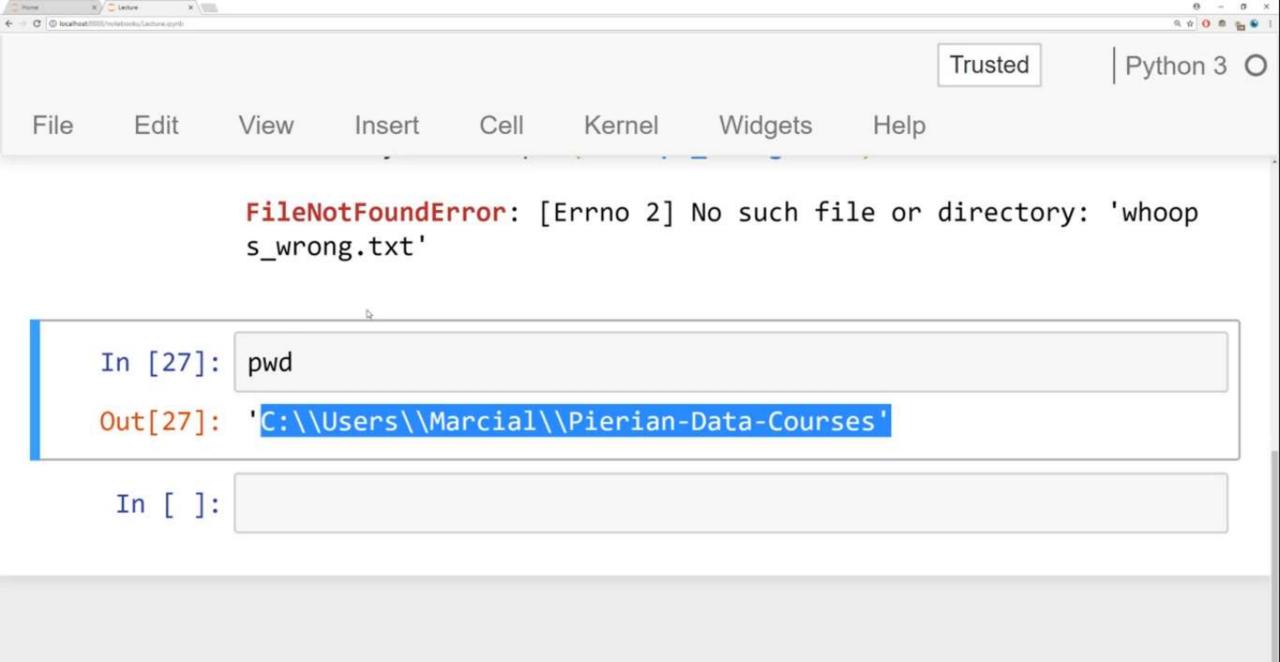
Let's get started!

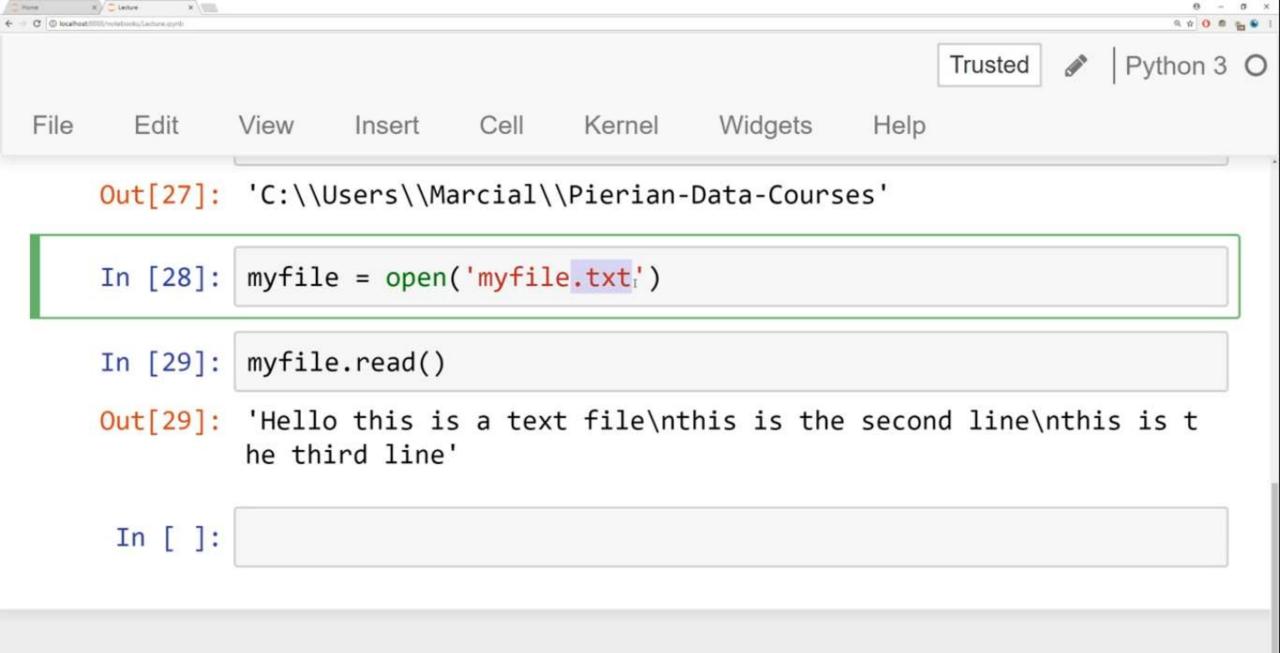




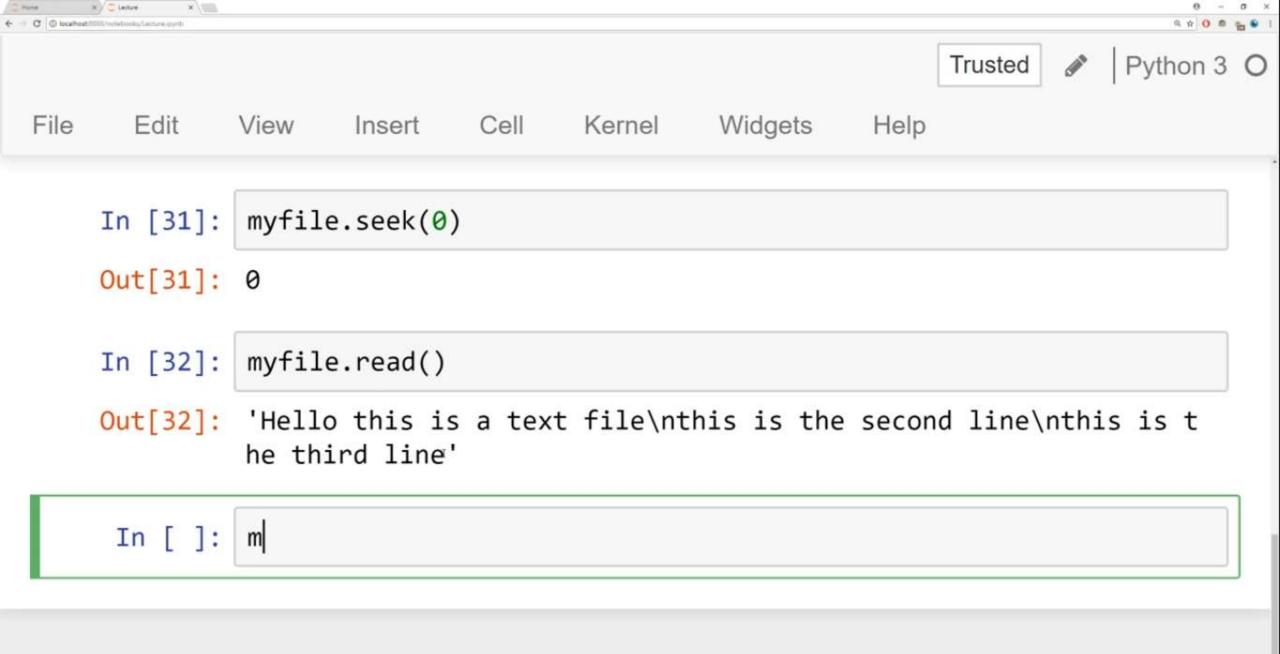




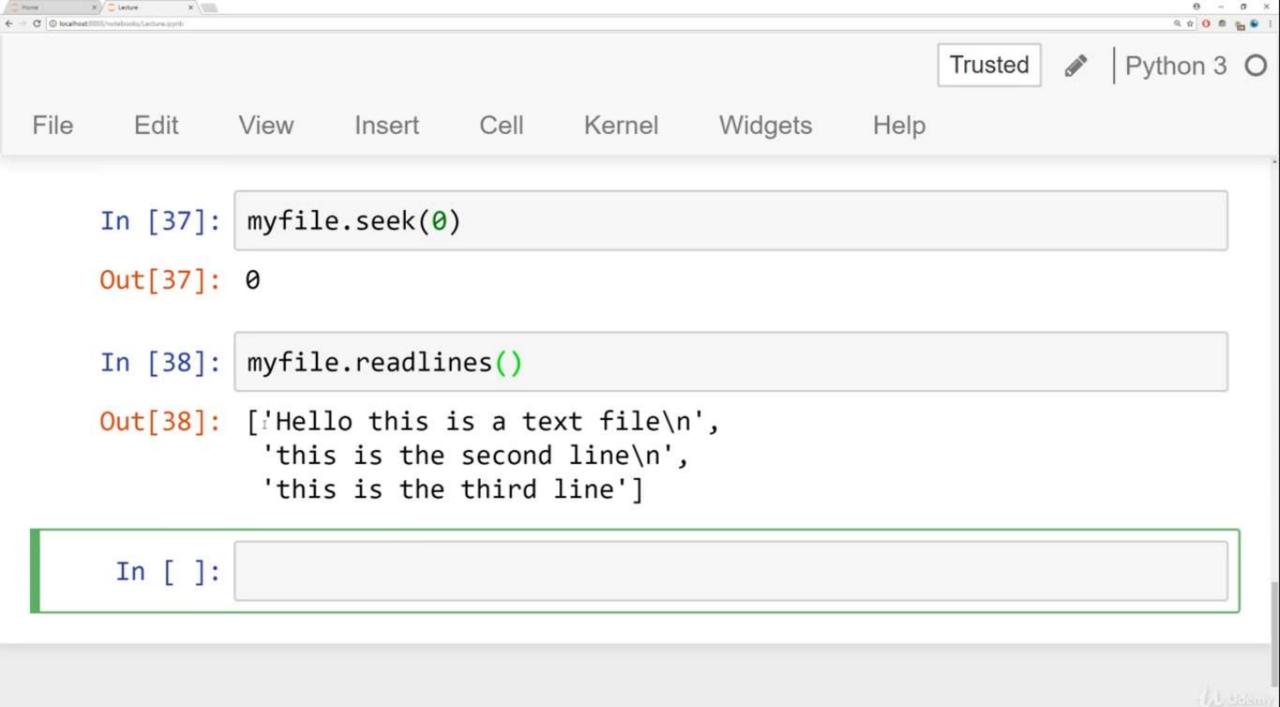


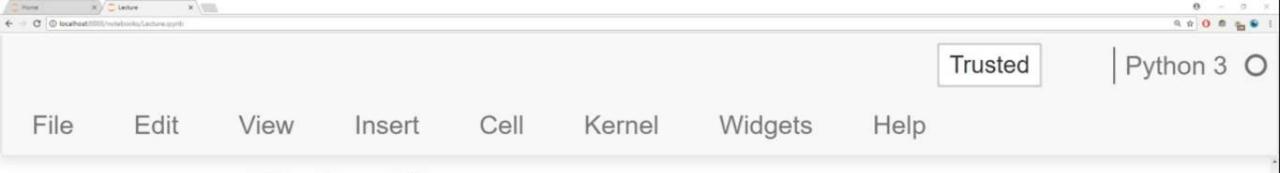












File Locations

If want to open files at another location on your computer, simply pass in the entire file path.

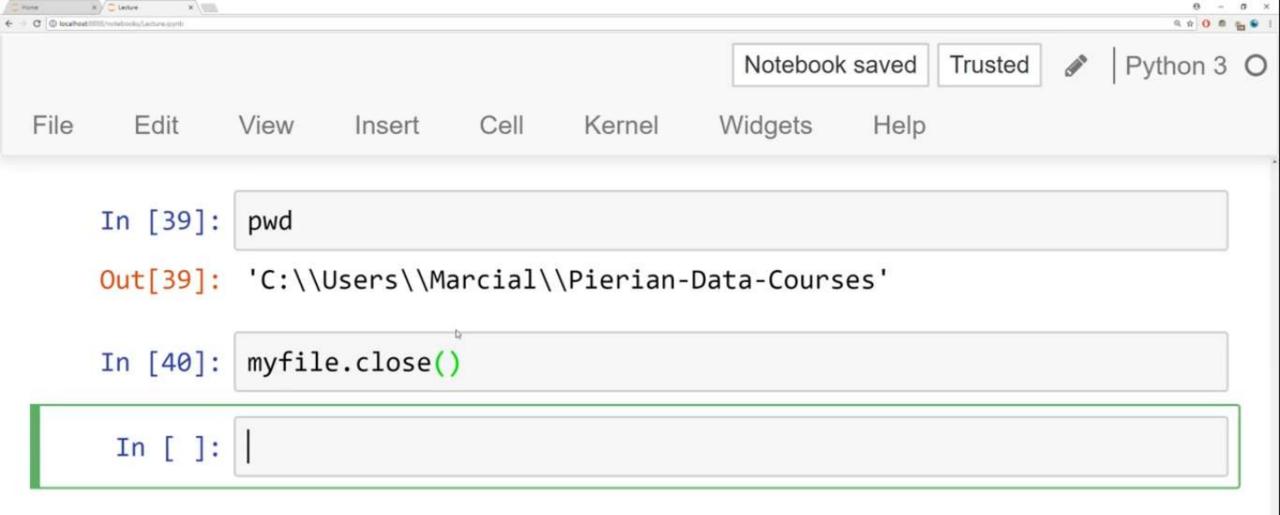
For Windows you need to use double \ so python doesn't treat the second \ as an escape character, a file path is in the form:

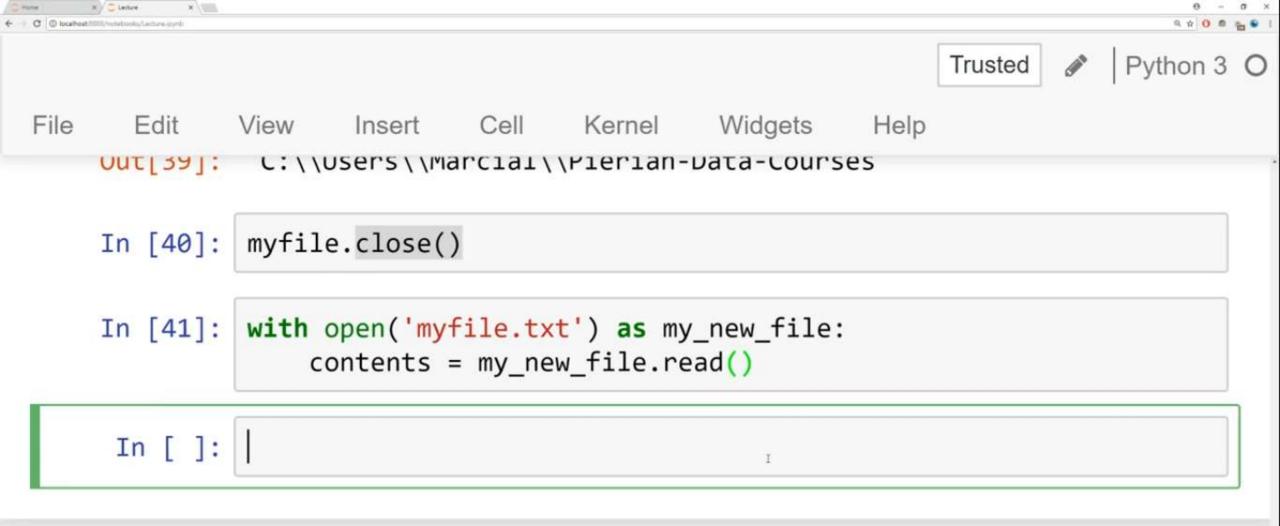
```
myfile = open("C:\\Users\\UserName\\Folder\\test.txt")
```

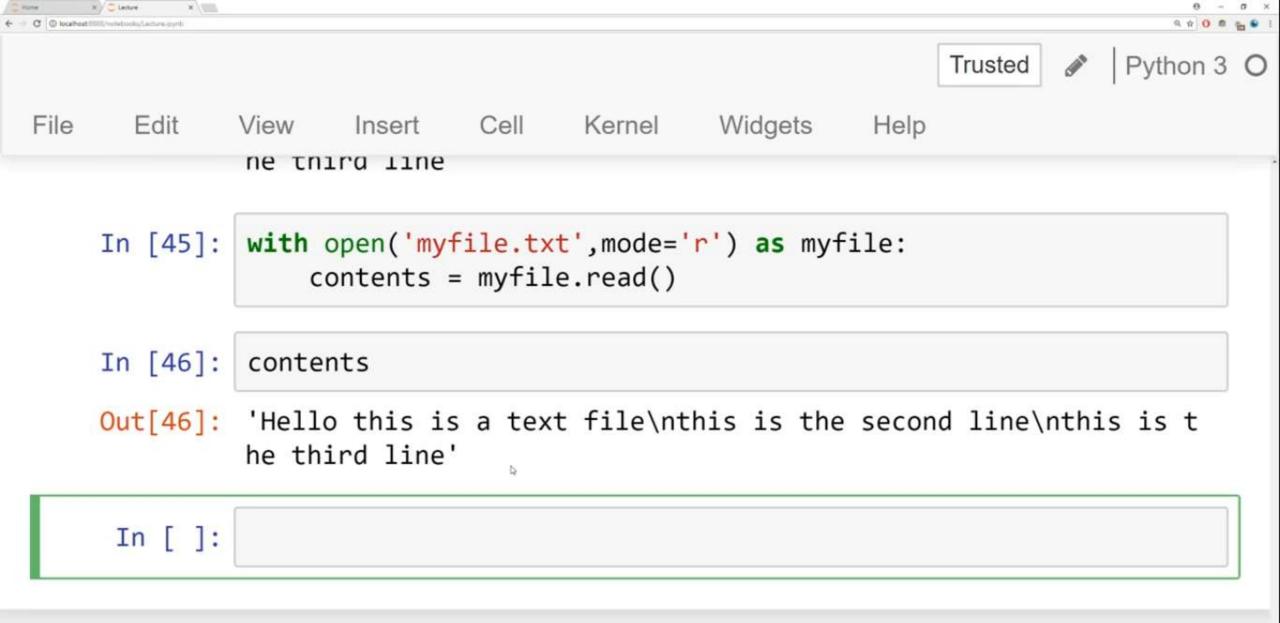
For MacOS and Linux you use slashes in the opposite direction:

```
myfile = open("/Users/YouUserName/Folder/myfile.txt")
```

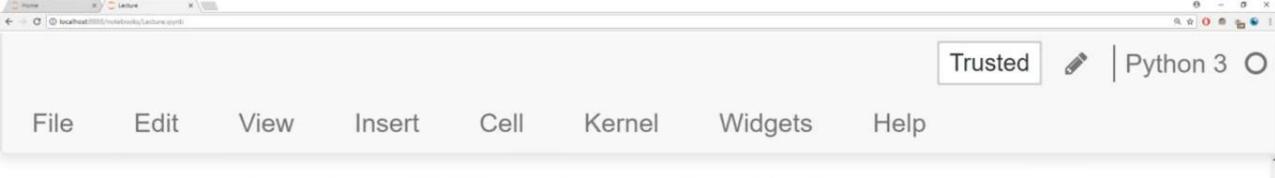
the same







J. Helson



Reading, Writing, Appending Modes

- mode='r' is read only
- mode='w' is write only (will overwrite files or create new!)
- mode='a' is append only (will add on to files)
- · mode='r+' is reading and writing
- mode= 'w+' is writing and reading (Overwrites existing files or creates a new file!)

```
In [52]: %%writefile my_new_file.txt
ONE ON FIRST
TWO ON SECOND
THREE ON THIRD
```

