

# A Practical Python Walkthrough

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May 2021



# How to access course material



ACCESS DIRECTLY ON GOOGLE  
DRIVE (GOOGLE COLABORATORY)



ACCESS DIRECTLY ON YOUR LOCAL  
PC

# Q&A – Which is better? Google Colab version or Jupyter Notebook version?




- Either is fine, really; both versions are designed for optimized experience on the platform you chose to use
- Google Colab would give you a fuss-free experience, since you'd require minimum set up (just need a Gdrive account)
- If you choose to download Anaconda on your local PC, you'll be better set for a long-term journey in Python Programming
- You may choose to use Google Colab first, and eventually get your PC set up 😊

# **Access Directly on Google Colab**

# Step 1 – Go to the Google Drive

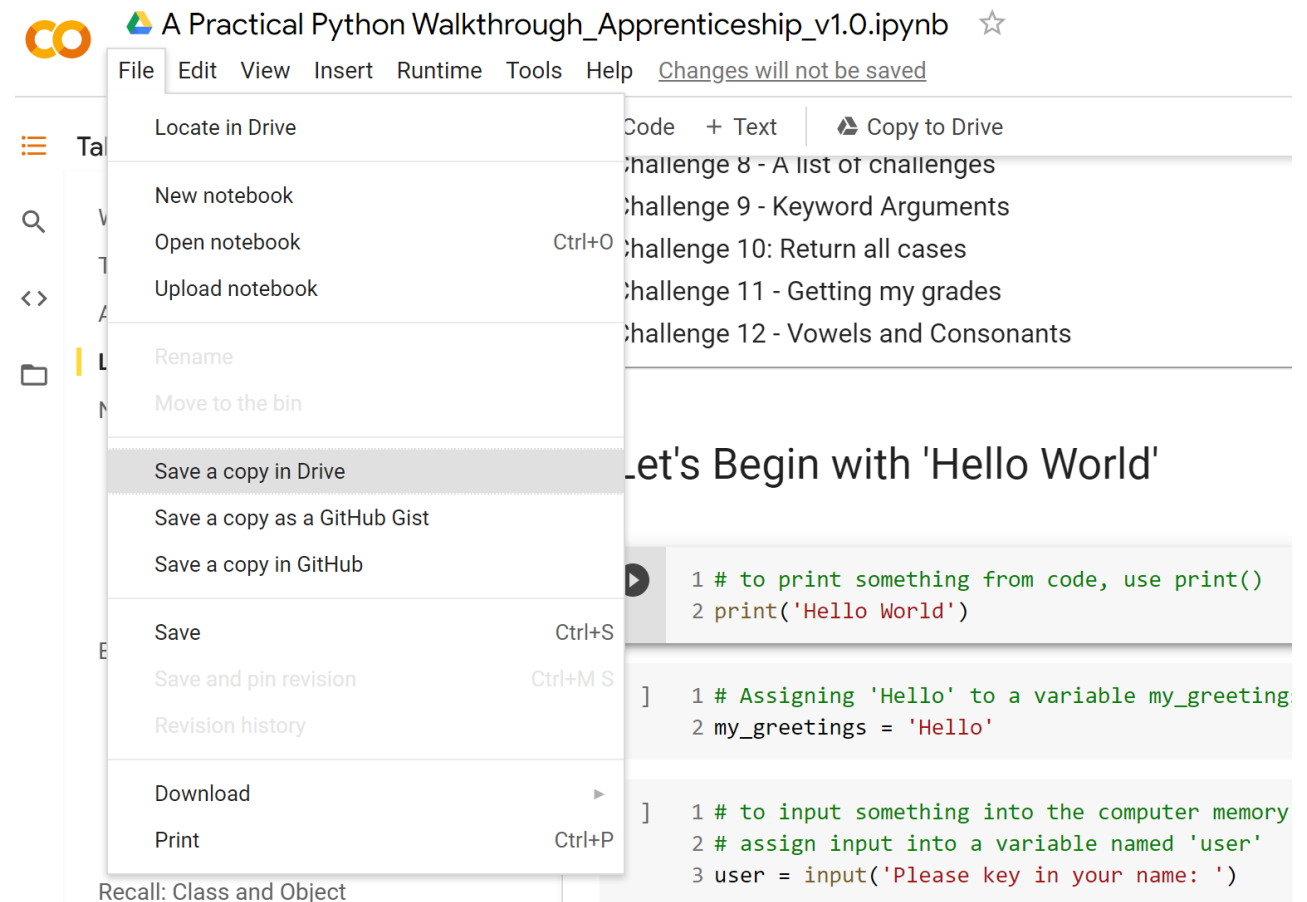
- Click on this link:  
[https://drive.google.com/drive/u/0/folders/104rmM3P06eAPdccgG0DPZT\\_0KjyuDDan](https://drive.google.com/drive/u/0/folders/104rmM3P06eAPdccgG0DPZT_0KjyuDDan)
- You need to have a valid Gdrive account in order to access the course material
- Click on 'A Practical Python Walkthrough\_Apprenticeship' ipynb folder to open the coursebook

Shared with me > A Practical Python Walkthrough ▾ 👤

Name ↑	Owner	Last modified
 .ipynb_checkpoints	Caden Lee	May 15, 2021
 img	Caden Lee	May 15, 2021
 A Practical Python Walkthrough_Apprenticeship_v1.0.ipynb 👤	Caden Lee	3:45 PM

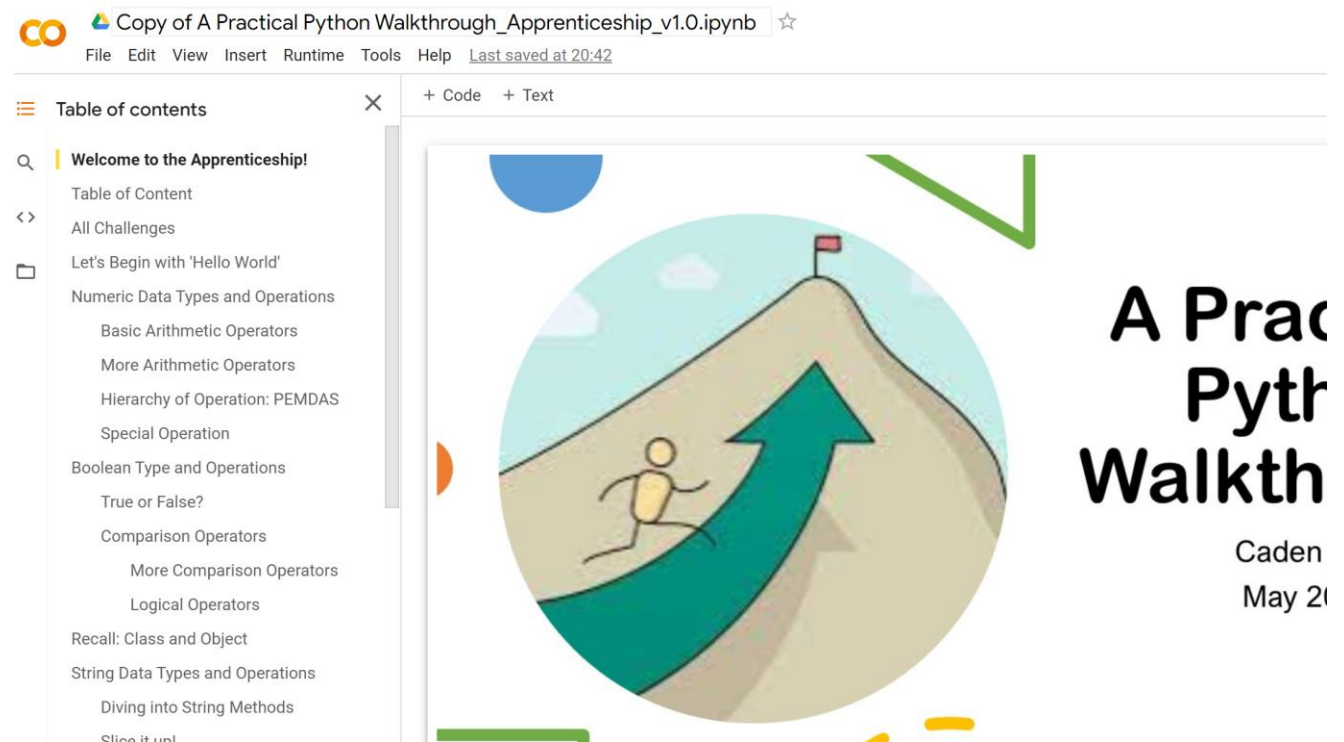
# Step 2 – Create your own Copy

- Once inside the coursebook, you should observe that the current file doesn't allow you to save any changes
- Here you need to create your own copy
- Click on 'File' -> 'Save a copy in Drive'
- This will then lead you to your own copy



# Step 3 – Rename your file and start coding!

- Double click on the notebook title to rename your notebook
- This file version is truly your own copy, so start coding away!



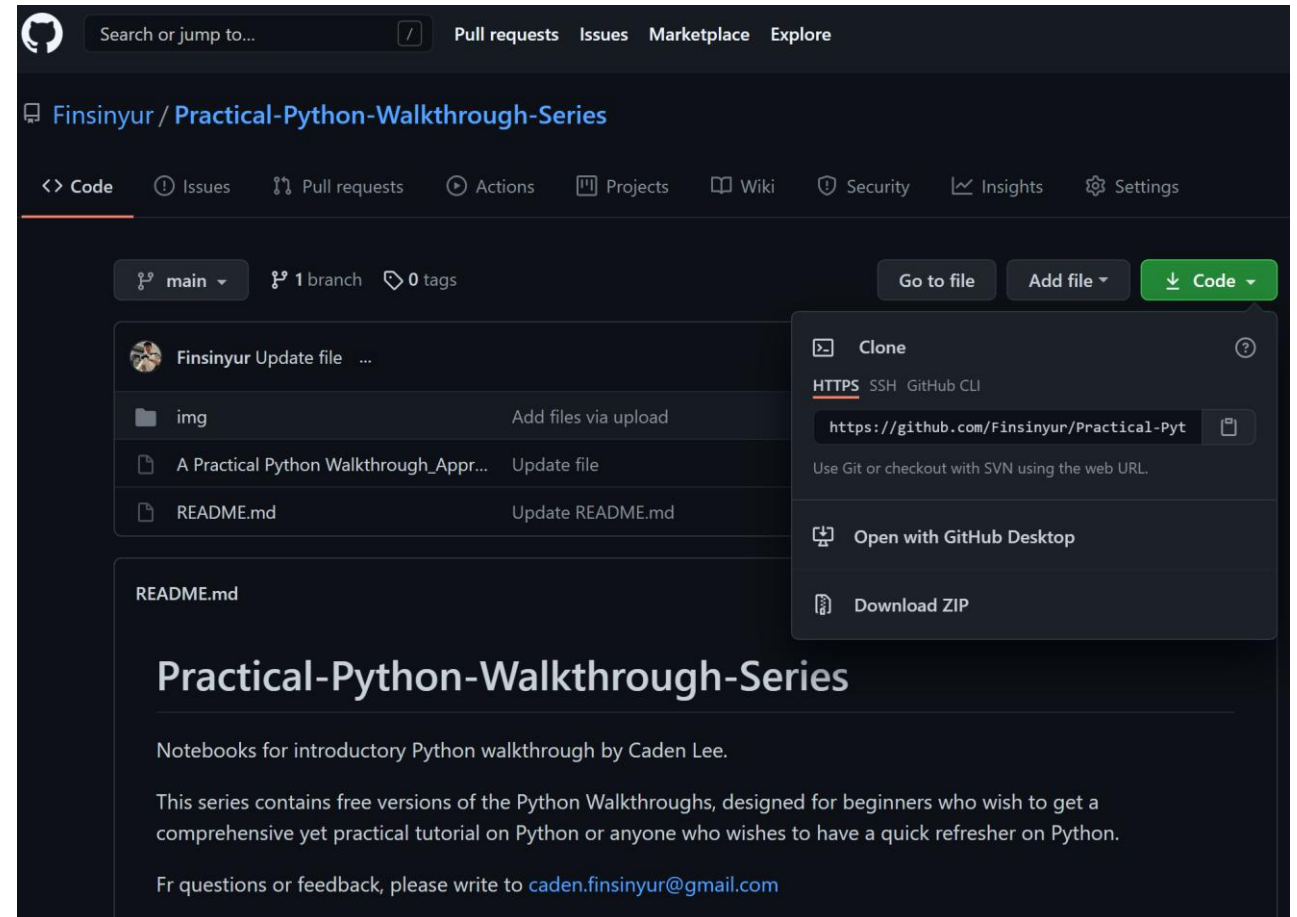


**Access Directly on your  
Local PC**



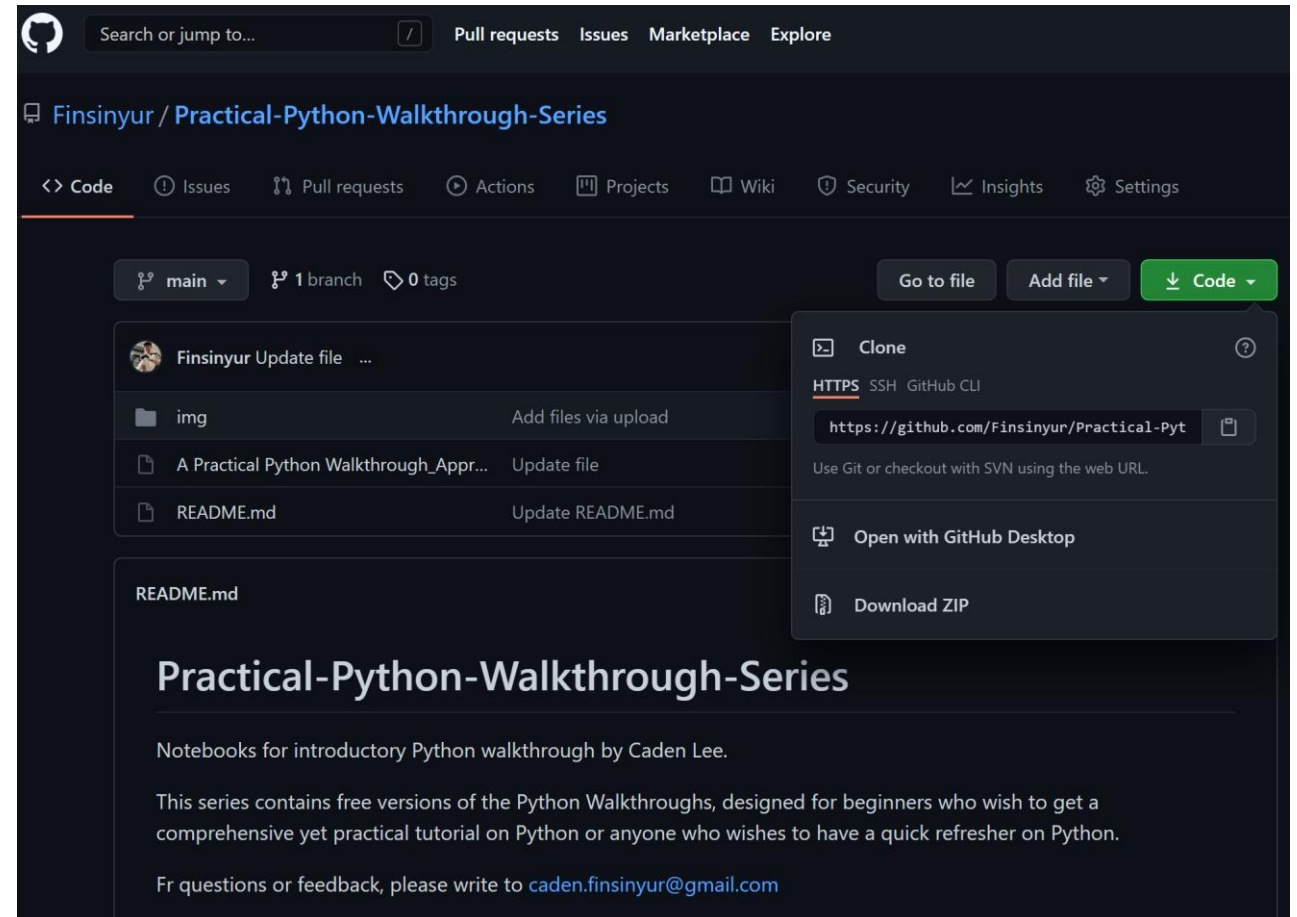
# Step 1 – Go to the GitHub

- Click on this link:  
<https://github.com/Finsinyur/Practical-Python-Walkthrough-Series>
- Click on 'Code' green button, followed by 'Download ZIP'
- Once downloaded, unpack it and save the entire folder in your 'Documents'

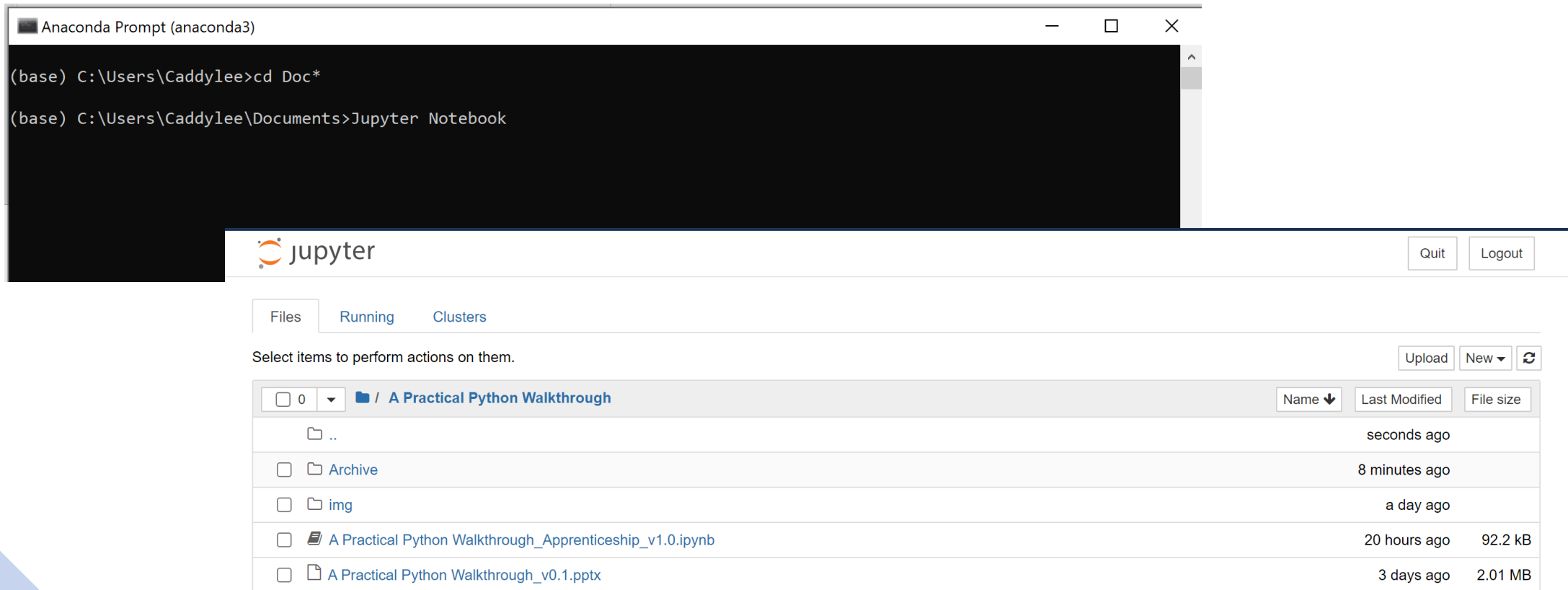


# Step 2 – Activate Jupyter Notebook

- Here you'll need to have downloaded 'Anaconda' – download instructions in next section
- If you are using:
  - Windows: go to your taskbar and search for 'Anaconda Prompt'
  - Macintosh: activate your 'Terminal'
- In your command prompt (anaconda prompt/ terminal), navigate to your 'Documents' and type 'Jupyter Notebook' and press 'Enter'
- Jupyter Notebook will launch on your default browser (see next page)



# Step 2 – Activate Jupyter Notebook (cont.)



The image shows a screenshot of a computer screen. On the left, an Anaconda Prompt window is open, showing the command prompt with the following text:

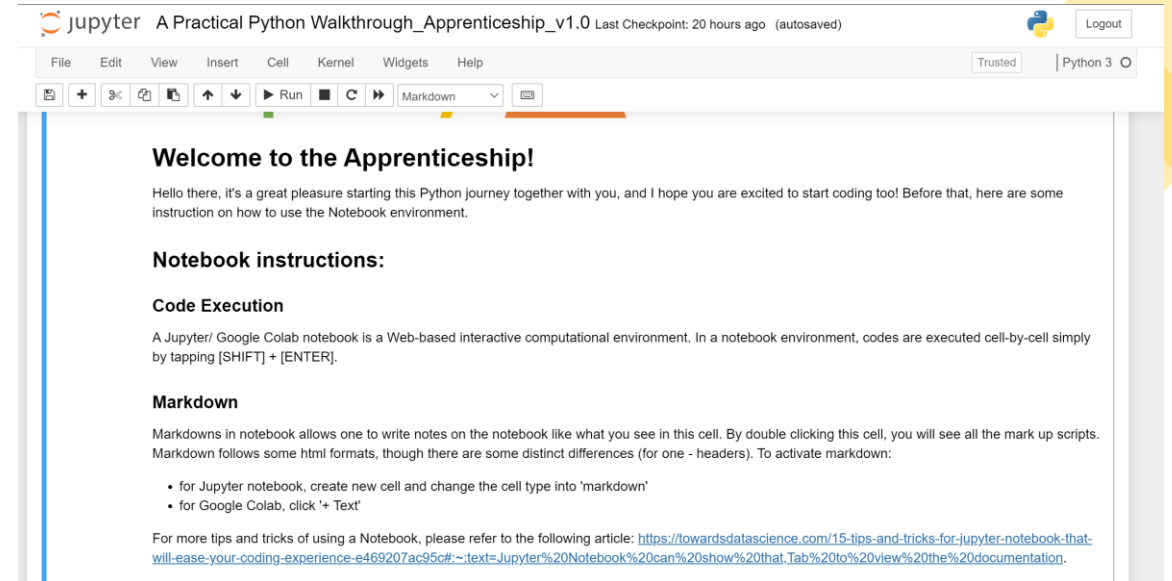
```
Anaconda Prompt (anaconda3)
(base) C:\Users\CaddyLee>cd Doc*
(base) C:\Users\CaddyLee\Documents>Jupyter Notebook
```

On the right, the Jupyter Notebook interface is displayed. The top bar shows the Jupyter logo and the text "jupyter". To the right of the logo are buttons for "Quit" and "Logout". Below the top bar, there are tabs for "Files", "Running", and "Clusters". The "Files" tab is selected. Below the tabs, there is a message: "Select items to perform actions on them." To the right of this message are buttons for "Upload", "New", and a refresh icon. Below this, there is a table showing the contents of the current directory. The table has columns for "Name", "Last Modified", and "File size". The table contains the following rows:

	Name	Last Modified	File size
<input type="checkbox"/> 0	/ A Practical Python Walkthrough		
<input type="checkbox"/>	..	seconds ago	
<input type="checkbox"/>	Archive	8 minutes ago	
<input type="checkbox"/>	img	a day ago	
<input type="checkbox"/>	A Practical Python Walkthrough_Apprenticeship_v1.0.ipynb	20 hours ago	92.2 kB
<input type="checkbox"/>	A Practical Python Walkthrough_v0.1.pptx	3 days ago	2.01 MB

# Step 3 – Open the course book

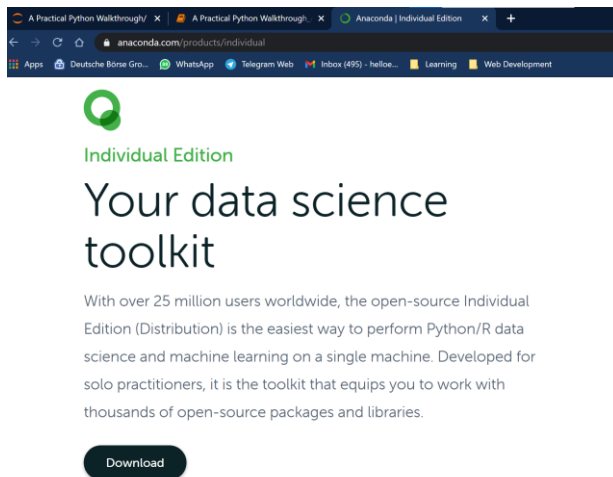
- Within the notebook you are able to navigate to the folder where you saved the coursebook
- Once you found your coursebook, open it on the Jupyter Notebook
- The course book should launch as in the picture on the right
- You may start coding away!



# Setting up your Anaconda

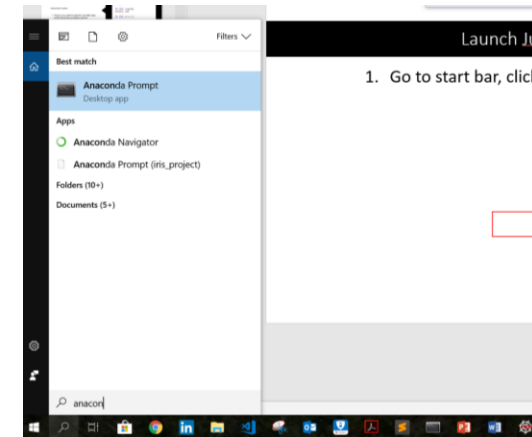
# Download Python Anaconda

1. Go to <https://www.anaconda.com/products/individual>
2. Click on 'Download' – it will lead you to the part of the page where you can find various versions to install
3. Please install the correct version – download the .exe file and start the set up



# Launch Jupyter Notebook

1. Go to start bar, click search and search 'Anaconda Prompt'
2. On Anaconda Prompt, navigate to your Documents and type "Jupyter Notebook"
  - To enter a directory, use 'cd'
  - To make a new directory, use 'mkdir'
  - To list down all available folders and files in a directory, use 'dir'



Anaconda Prompt

```
(base) C:\Users\clee0>cd documents  
(base) C:\Users\clee0\Documents>jupyter notebook
```

# Launch Jupyter Notebook

3. Once you launched this page on your browser, click on 'New' -> 'Python 3'
4. The .ipynb (python notebook) file will then be launch, and so now let's code away! :D

