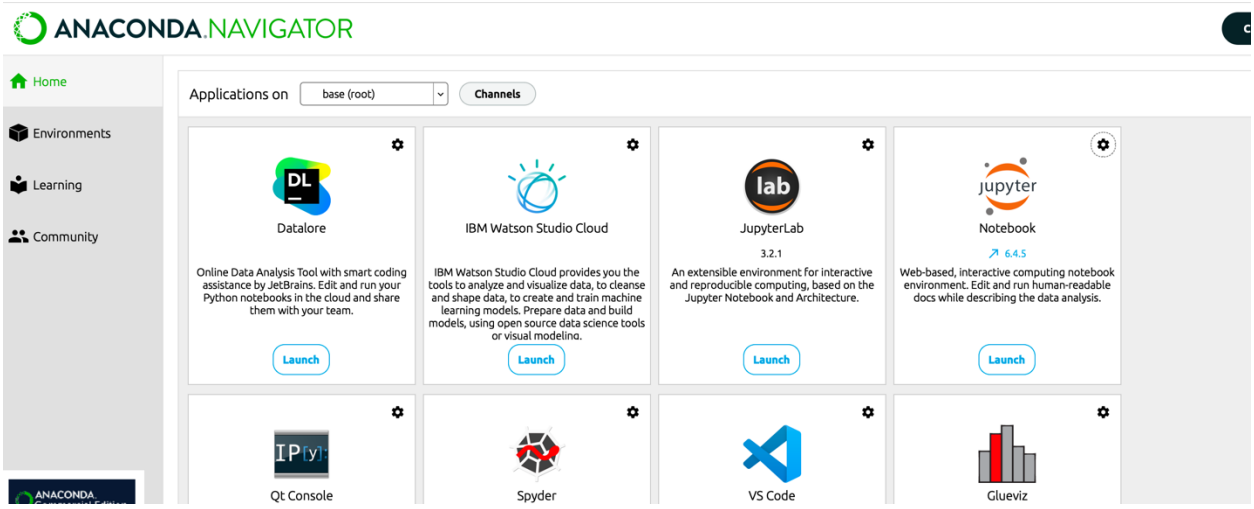
Instructions for Super Exercises.

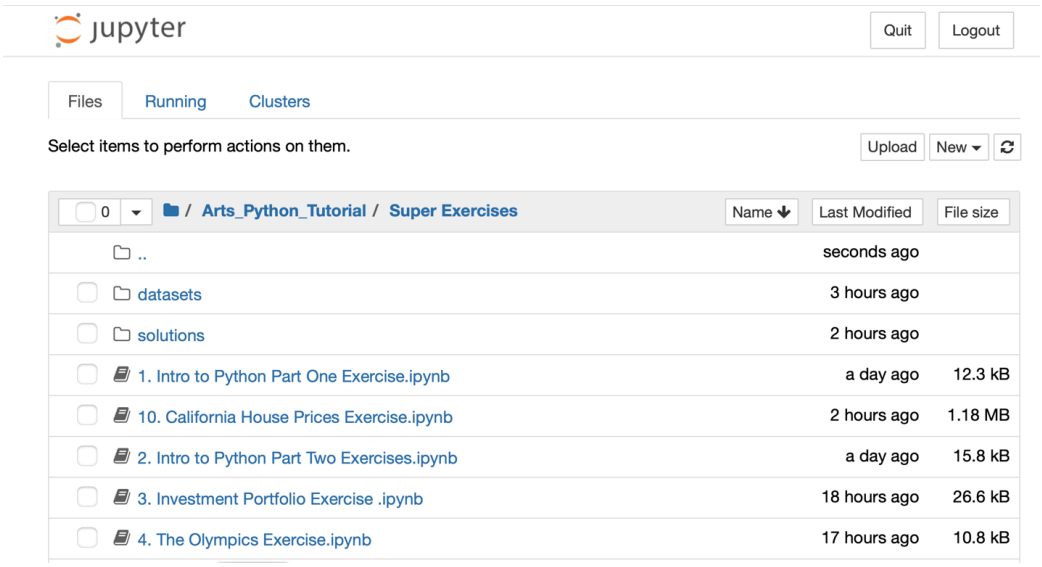
Step 1. Download and unzip the Super Exercises folder

Step 2. Launch Anaconda

Step 3. In Anaconda Navigator Launch Jupyter Notebook

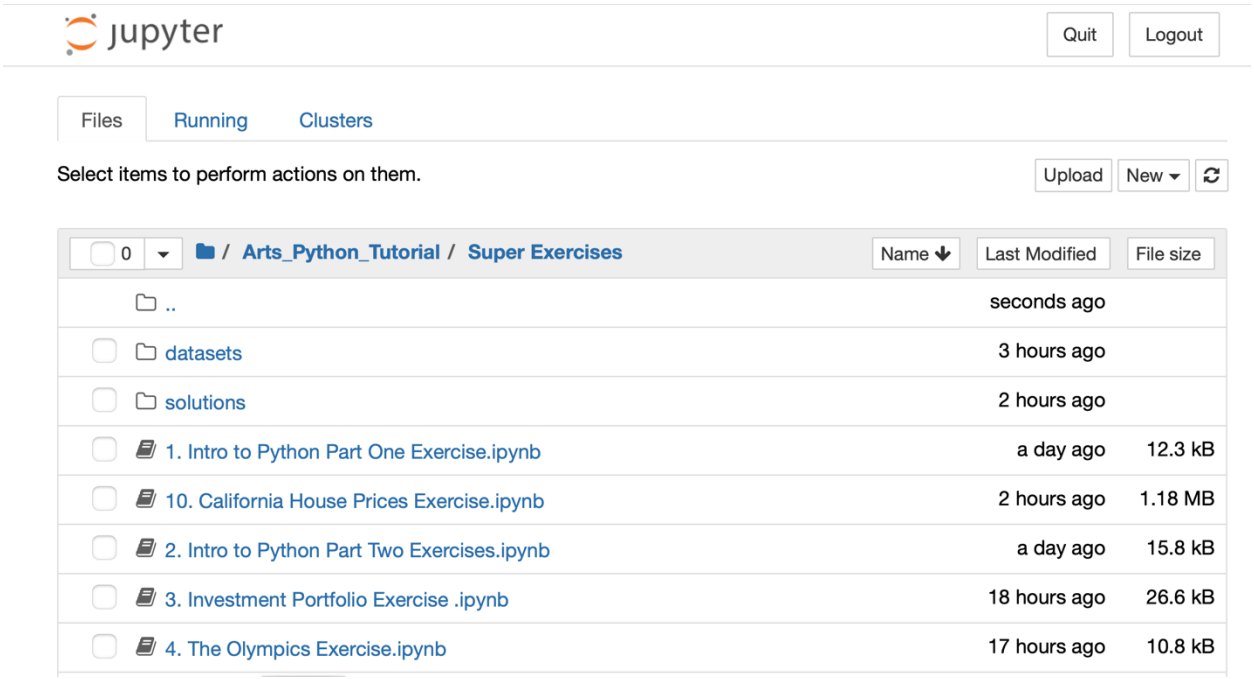


Step 3. In the browser you will see all the files and folder in the main directory of your computer, the Super Exercise by default will be in Downloads folder on your computer. Unless you downloaded some place else. Locate unzipped Super Exercise folder and click on it in the Jupyter Files Menu in the browser

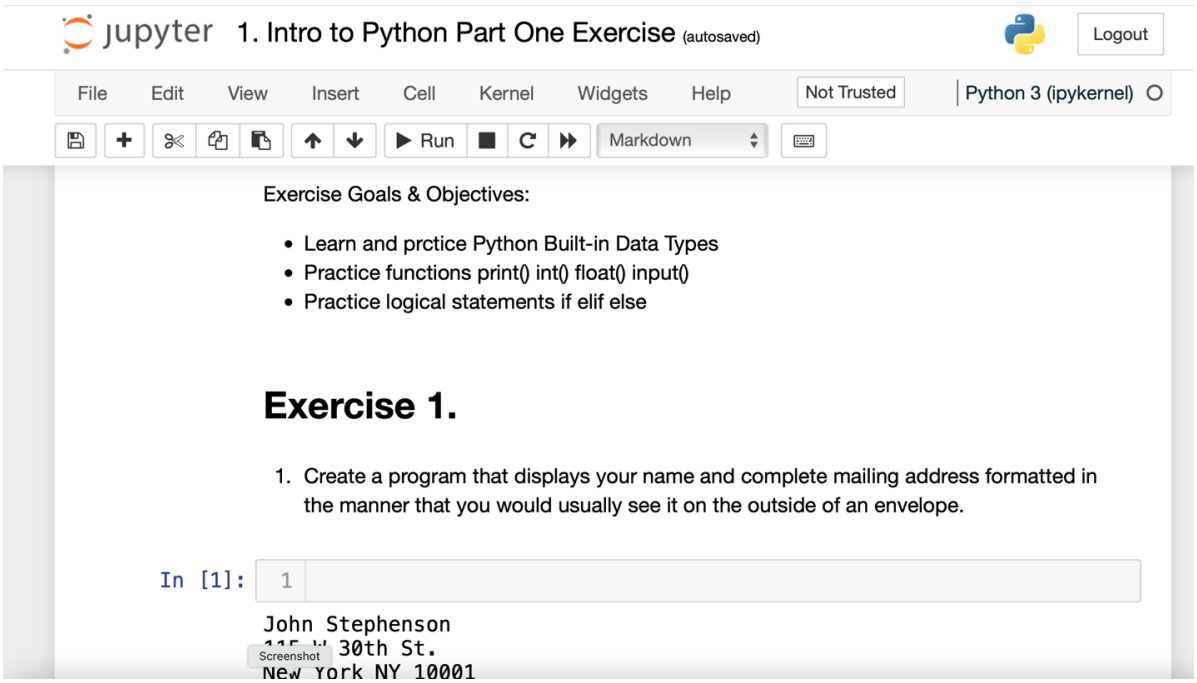


Step 4. In Super Exercises you will find files, all of them have extension Exercise and datasets folder. All the CSV files are stored in the datasets folder. When you read the CSV file from Jupyter notebook the path to a file would be “datasets/name of file.csv”, Windows might ask you to use little “r” in front of the path, like this r“datasets/name of file.csv”. All the solutions saved in the solutions folder.

Step 5. To open a Jupyter notebook, file with extension .ipynb you need to klick on it through Jupyter File Menu. For example locate the file 1. Intro to Python Part One Exercise.ipynb and click on it.



Step 6. You can start working on exercises right in the same file. Some cells have answers to get you an idea how your output should look like. When you write code and run the cell they will disappear and will show your output. Take a look at “John Stephenson” print in the image below. That’s how your solution should look like.



Step 6. If you need a solution, through Jupyter File menu click on the solutions folder and locate the file with a corresponding to an exercise number.

Step 7. If you need any help or find errors in the files please email me at artyudin@programwithus.com

Step 8. Here is the notes for Python Tutorial.

Variables
https://intro-to-python-6hrs.s3.amazonaws.com/Variables.html

If and Else
https://intro-to-python-6hrs.s3.amazonaws.com/If_Else_statements.html

Lists
https://intro-to-python-6hrs.s3.amazonaws.com/Lists_vs_Tuples.html

For loop

https://intro-to-python-6hrs.s3.amazonaws.com/Definite_loops.html

Lists
https://intro-to-python-6hrs.s3.amazonaws.com/Lists_vs_Tuples.html

For loops
https://intro-to-python-6hrs.s3.amazonaws.com/Definite_loops.html

Read and write files with Python
https://intro-to-python-6hrs.s3.amazonaws.com/File_processing.html

Dictionary
https://intro-to-python-6hrs.s3.amazonaws.com/Dictionaries.html

Intro Pandas
https://intro-to-python-6hrs.s3.amazonaws.com/pandas_Series.html
https://intro-to-python-6hrs.s3.amazonaws.com/pandas_DataFrame.html
https://intro-to-python-6hrs.s3.amazonaws.com/pandas_DataFrame_continue.html

DataFrame Practice
https://intro-to-python-6hrs.s3.amazonaws.com/pandas_Cleaning.html
https://pythondatascience.s3.amazonaws.com/Build_DataFrame_from_scratch.html
https://pythondatascience.s3.amazonaws.com/Solution_Build_DataFrame_from_scratch.html
https://intro-to-python-6hrs.s3.amazonaws.com/pandas_exercises_3.html

Pandas Logic
https://intro-to-python-6hrs.s3.amazonaws.com/Lambda_Operator.html?versionId=lJEpFjGGOHHb4fZahu1UTo9lKQXLaux5
https://pythondatascience.s3.amazonaws.com/If_something_apply_formula_pandas.html
https://pythondatascience.s3.amazonaws.com/Compare_Values_in_two_DataFrames-2.html

Combine Data Sets
https://intro-to-python-6hrs.s3.amazonaws.com/pandas_Groupby.html
https://pythondatascience.s3.amazonaws.com/pandas_Combining_Datasets-2.html
https://pythondatascience.s3.amazonaws.com/pandas_Combining_Datasets_Merge-2.html

Plot Data

https://intro-to-python-6hrs.s3.amazonaws.com/matplotlib_Line_Plots-2.html
https://intro-to-python-6hrs.s3.amazonaws.com/matplotlib_Scatter_Plots-2.html
https://intro-to-python-6hrs.s3.amazonaws.com/matplotlib_Histogram-2.html