



kuala lumpur

school of ai

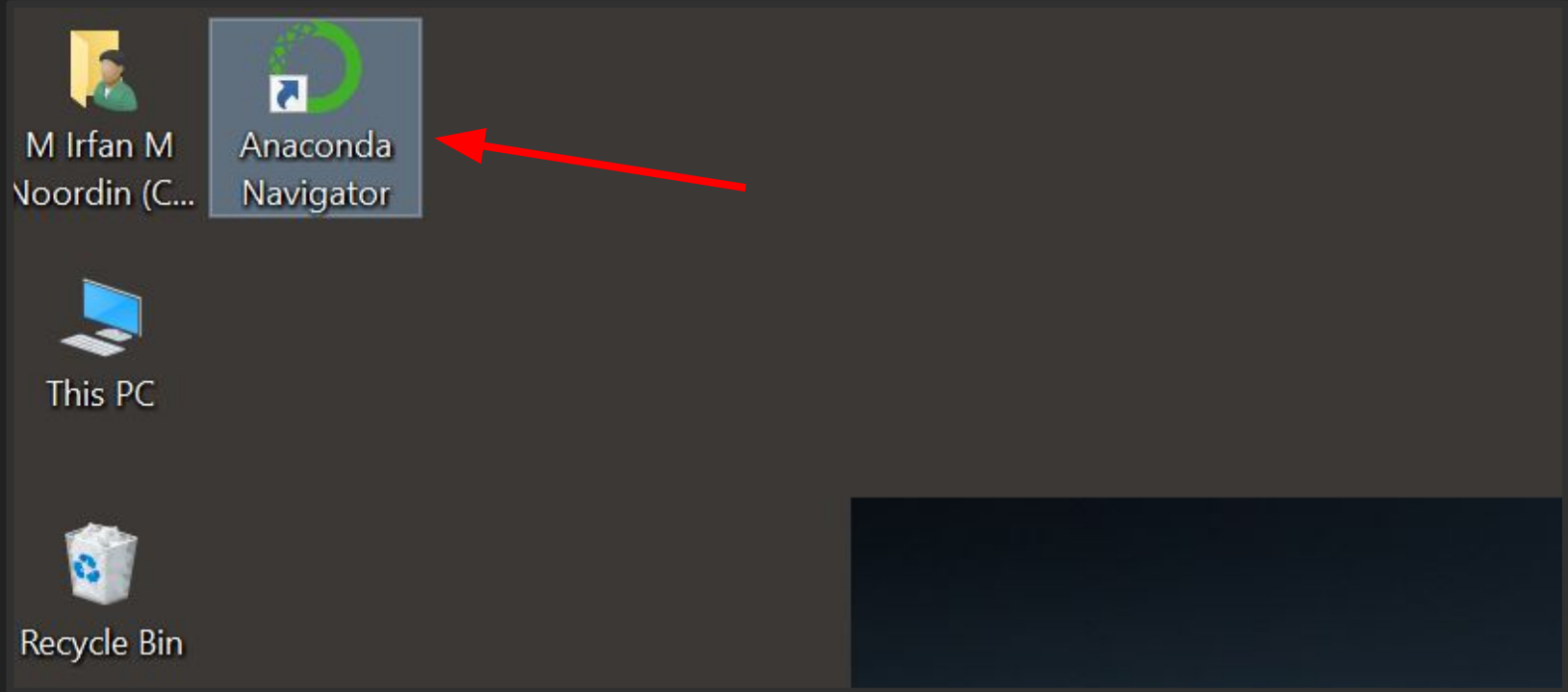
**Jupyter Notebook Super
Basic Instruction**

Step 0 - go to the link below and download
Anaconda (python 3+)

<http://www.anaconda.com/download>

After you have installed Anaconda, follow the steps in the next slides

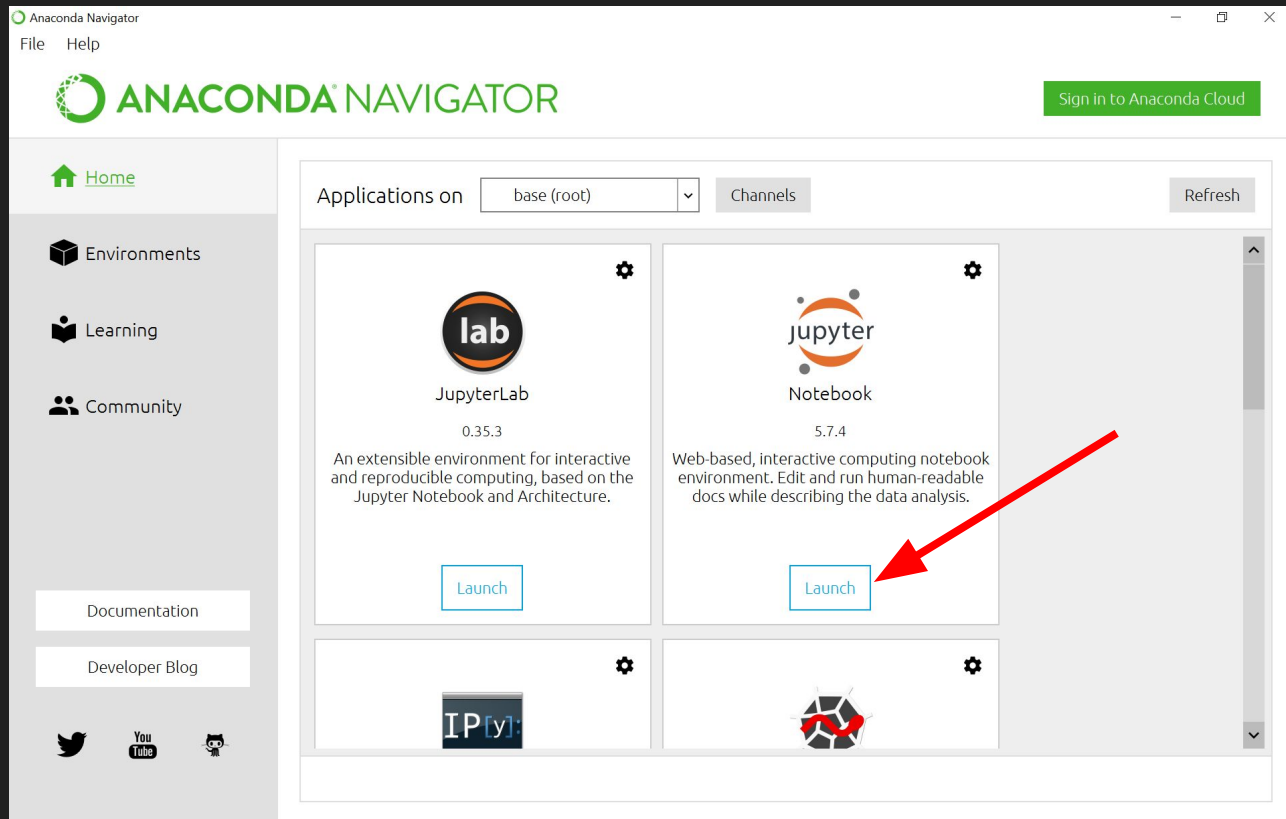
Step 1 - Click on the Anaconda navigator Icon on your desktop



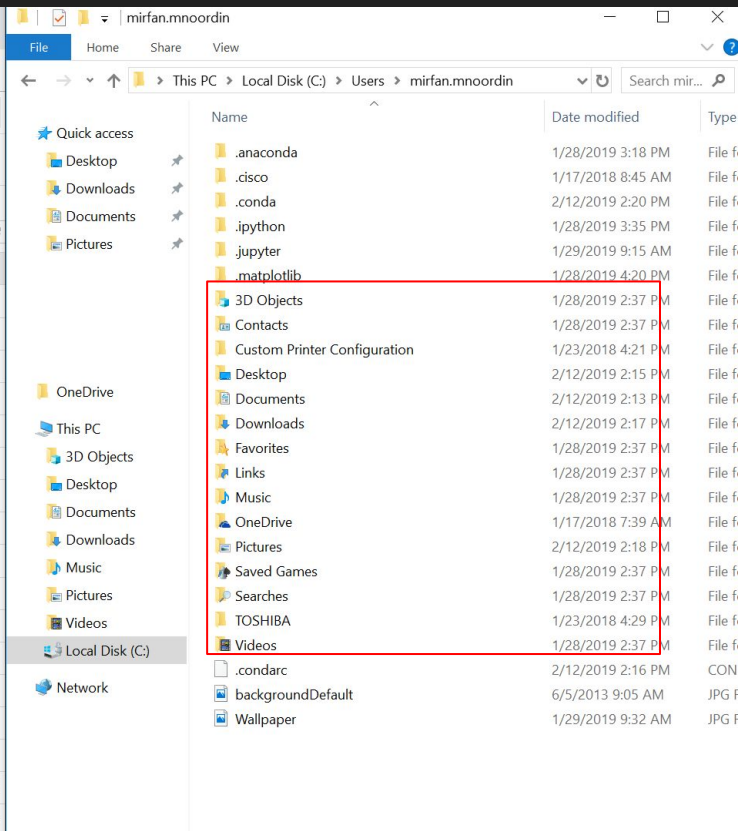
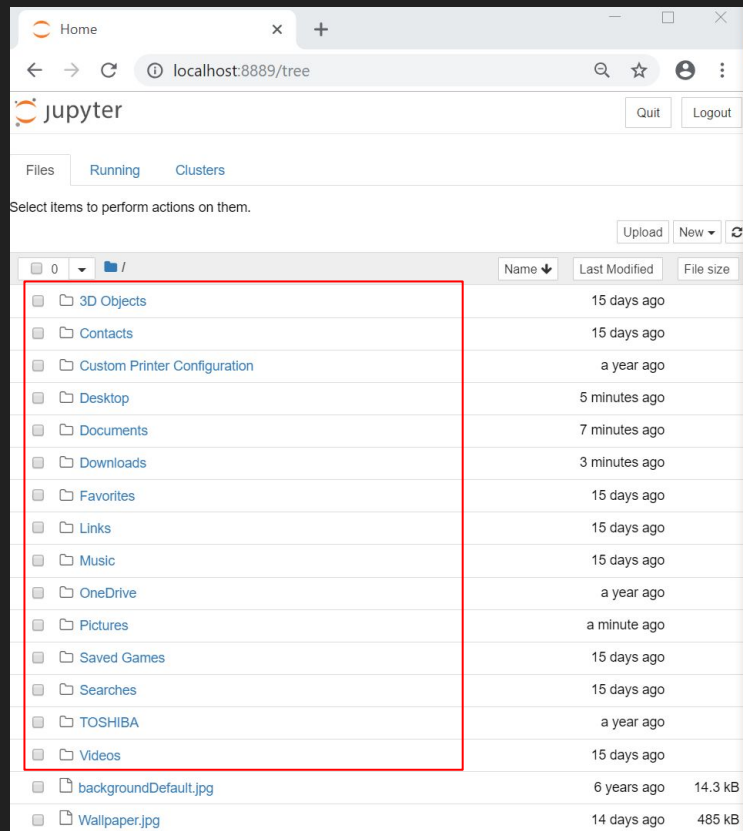
Step 2 - You will see the Anaconda loading icon
Have patience young padawan (it may take a while)



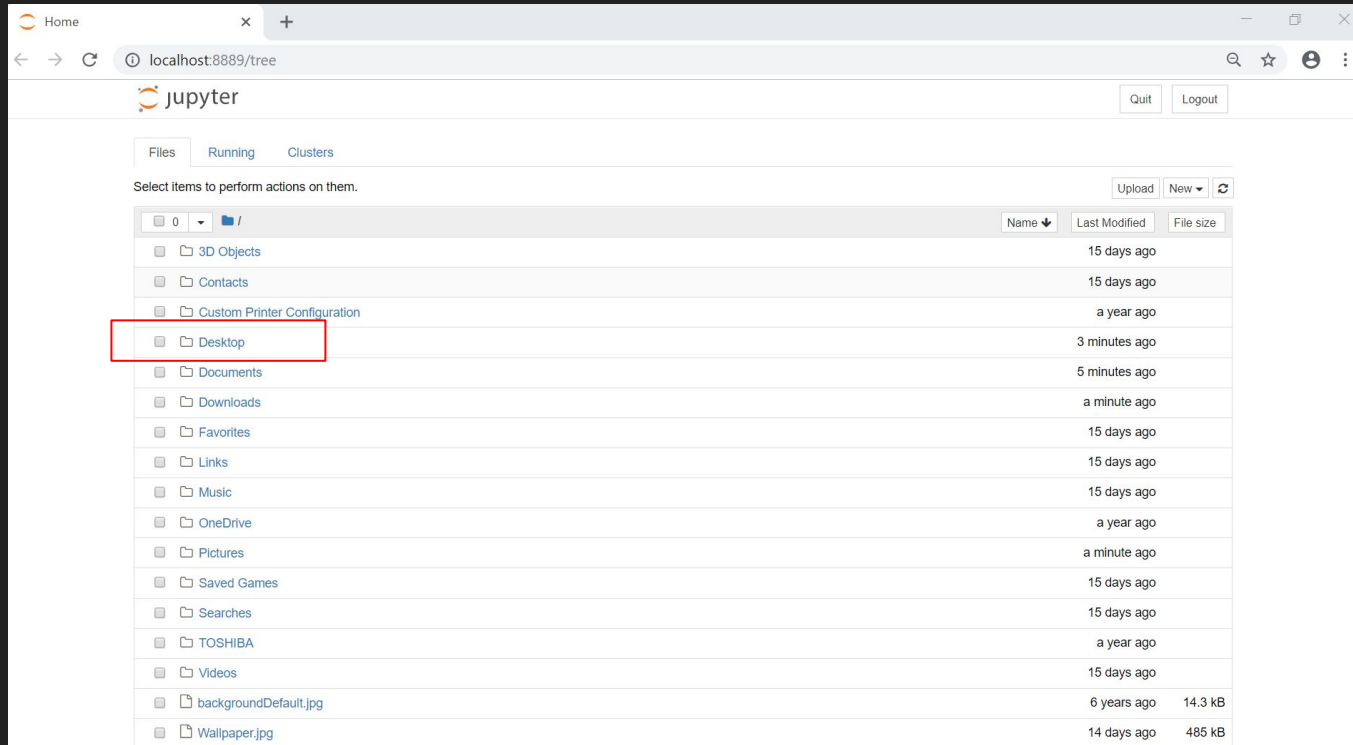
Step 3 - Open Jupyter Notebook



Step 4 - Jupyter will show a directory which will be the same as your user's directory



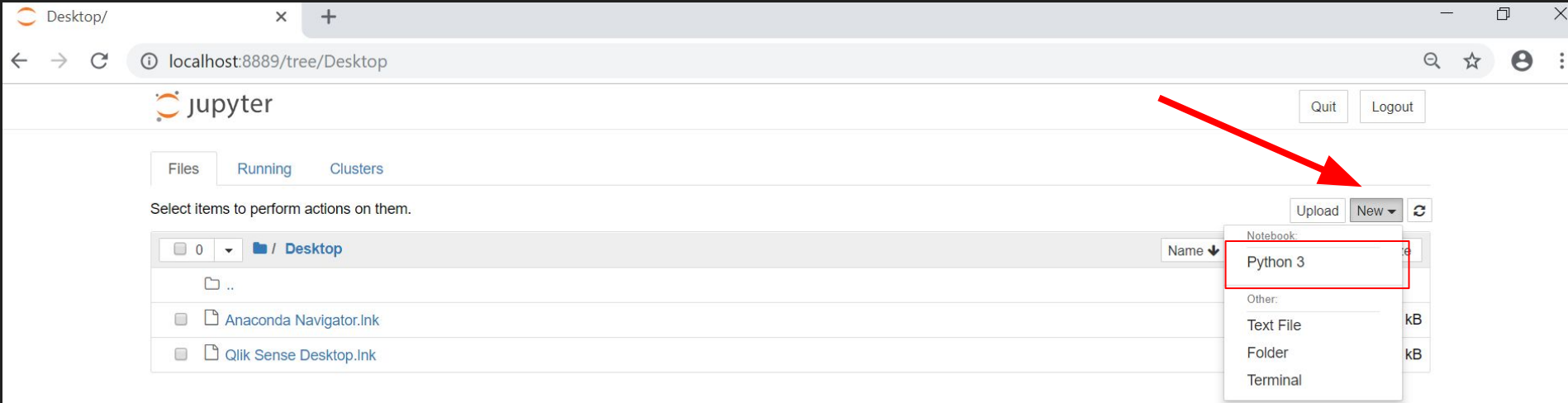
Step 5 - Choose a folder to save your file in. I will choose Desktop



The screenshot shows the JupyterLab interface with the 'Files' tab selected. The browser address bar shows 'localhost:8889/tree'. The JupyterLab logo and 'Quit'/'Logout' buttons are at the top. Below the tabs, there's a prompt 'Select items to perform actions on them.' and buttons for 'Upload', 'New', and a refresh icon. A table lists the file system contents:

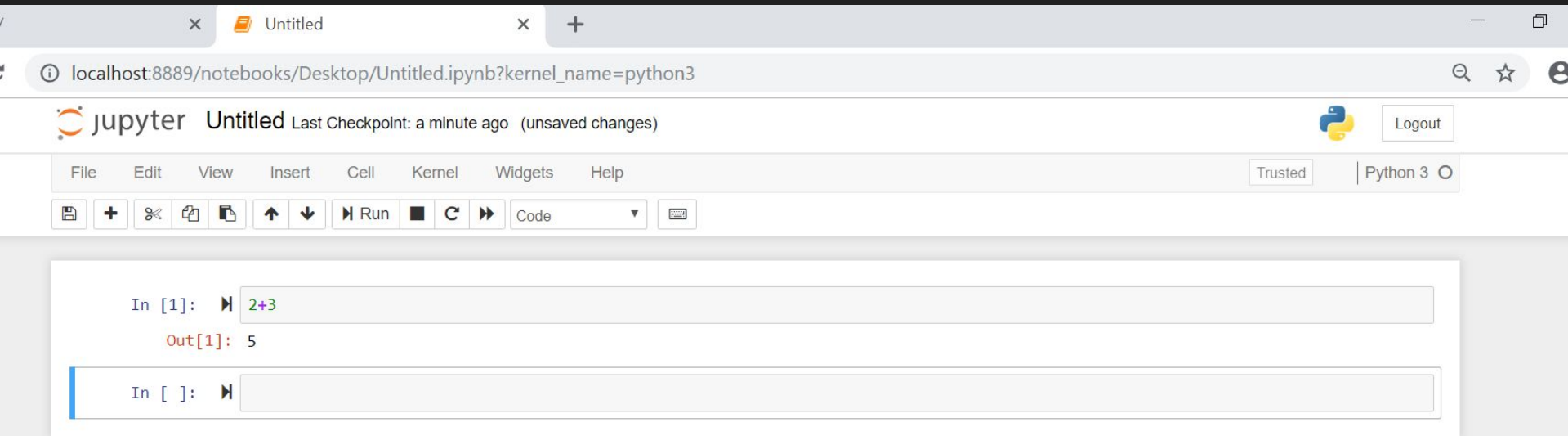
	Name	Last Modified	File size
0	/		
3D Objects		15 days ago	
Contacts		15 days ago	
Custom Printer Configuration		a year ago	
Desktop		3 minutes ago	
Documents		5 minutes ago	
Downloads		a minute ago	
Favorites		15 days ago	
Links		15 days ago	
Music		15 days ago	
OneDrive		a year ago	
Pictures		a minute ago	
Saved Games		15 days ago	
Searches		15 days ago	
TOSHIBA		a year ago	
Videos		15 days ago	
backgroundDefault.jpg		6 years ago	14.3 kB
Wallpaper.jpg		14 days ago	485 kB

Step 6 - Create new file , choose python3



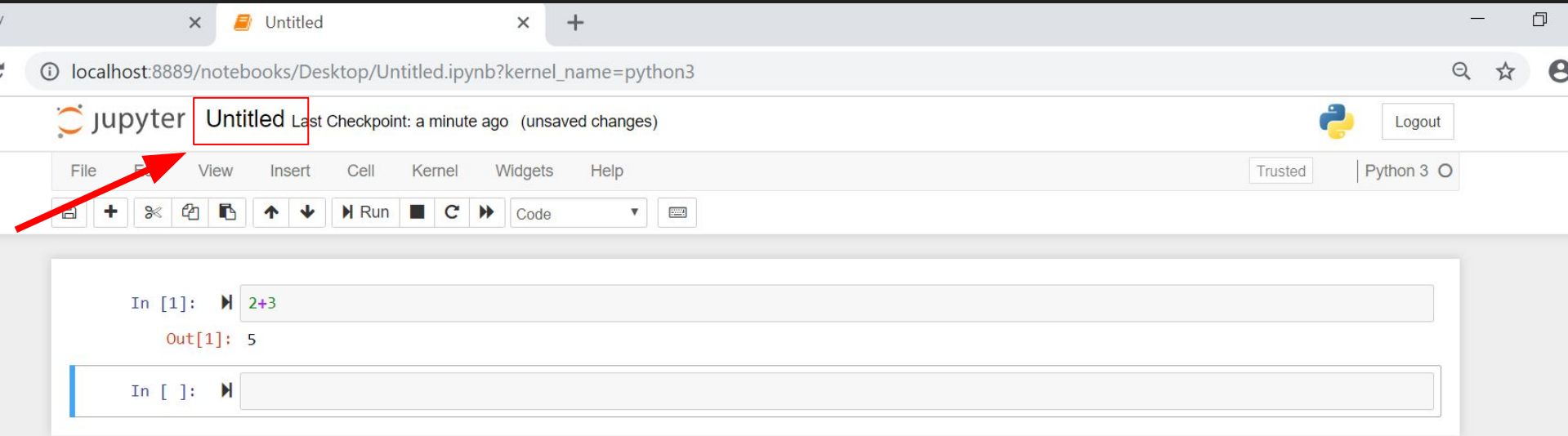
Step 7 - Test code

shift + enter will execute the code in the cell and create a new cell at the bottom



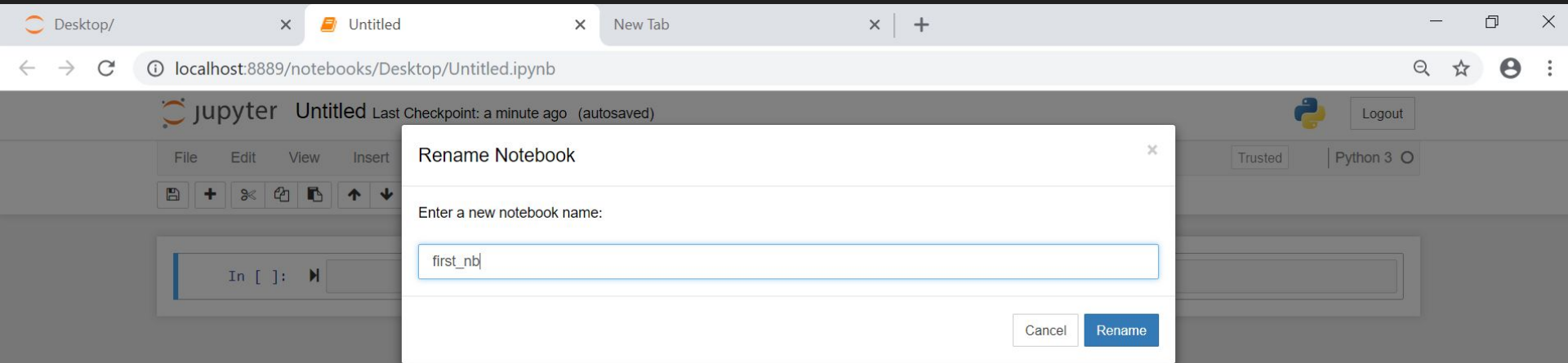
The screenshot displays the Jupyter Notebook web interface in a browser. The address bar shows the URL `localhost:8889/notebooks/Desktop/Untitled.ipynb?kernel_name=python3`. The notebook title is "Untitled", and it indicates "Last Checkpoint: a minute ago (unsaved changes)". The top navigation bar includes "File", "Edit", "View", "Insert", "Cell", "Kernel", "Widgets", and "Help". On the right, there are "Trusted" and "Python 3" indicators, along with a "Logout" button. The main toolbar contains icons for saving, adding cells, undo, redo, and running code. The code area shows two cells. The first cell contains the code `In [1]: 2+3` and its output `Out[1]: 5`. The second cell is empty, showing `In []:` followed by a cursor.

Step 8 - Rename Jupyter Notebook

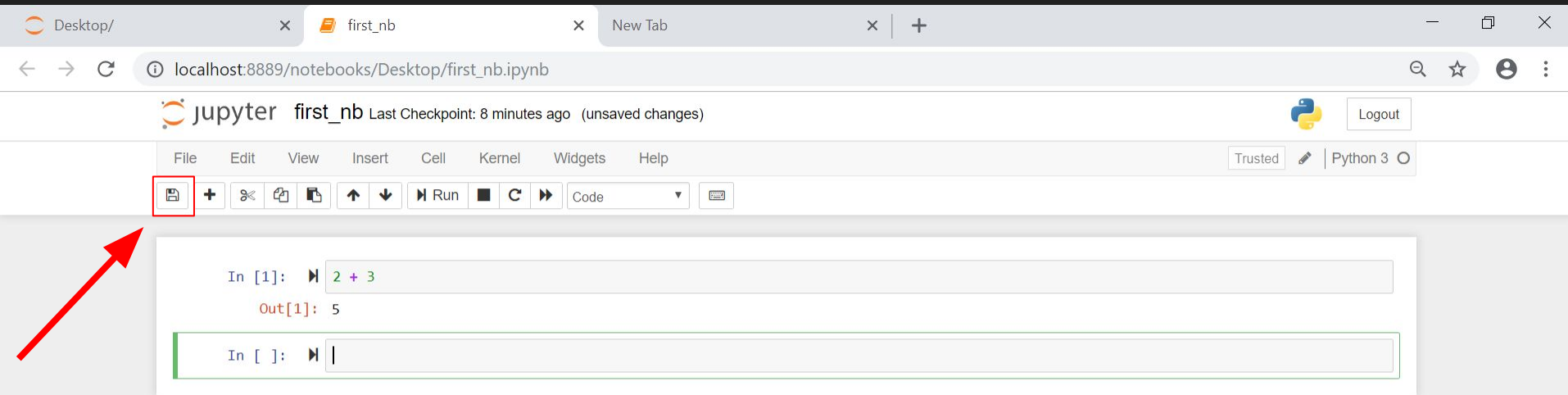


The screenshot displays the Jupyter Notebook web interface in a browser. The address bar shows the URL `localhost:8889/notebooks/Desktop/Untitled.ipynb?kernel_name=python3`. The notebook title is **Untitled**, which is highlighted with a red rectangular box. To the right of the title, it says "Last Checkpoint: a minute ago (unsaved changes)". A red arrow points from the **File** menu in the top navigation bar to the **Untitled** title. The navigation bar includes menus for File, View, Insert, Cell, Kernel, Widgets, and Help. Below the navigation bar is a toolbar with icons for file operations (new, open, save, print), navigation (up, down), execution (run, interrupt, step), and a dropdown menu currently set to "Code". On the right side of the navigation bar, there is a "Logout" button and a status indicator showing "Trusted" and "Python 3". The main content area shows a code cell with the input `In [1]: 2+3` and the output `Out[1]: 5`. Below this is an empty code cell with the prompt `In []:`.

Step 8 - Rename and Save Jupyter Notebook

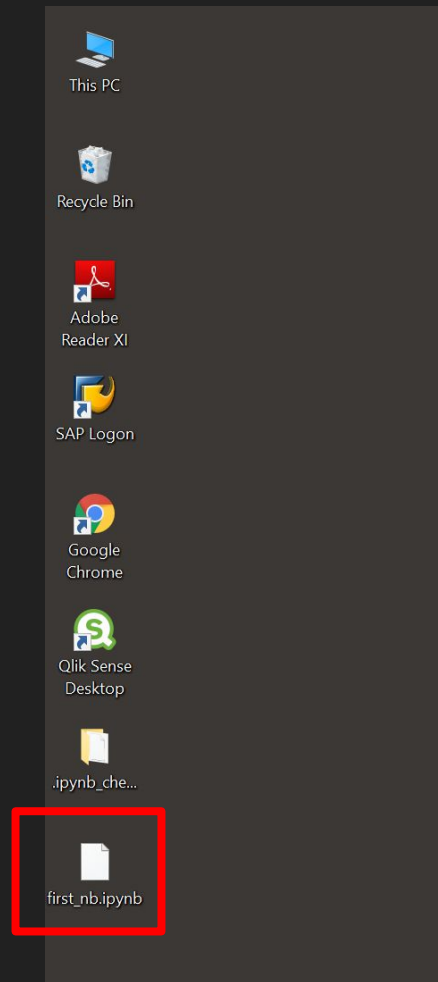


Step 9 - Save Jupyter Notebook



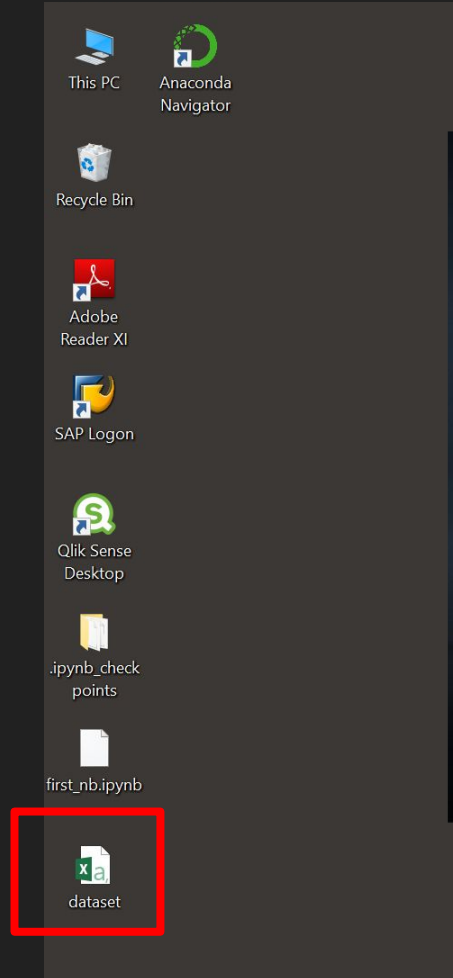
The screenshot displays the Jupyter Notebook web interface in a browser. The address bar shows the URL `localhost:8889/notebooks/Desktop/first_nb.ipynb`. The page title is `jupyter first_nb` with a subtitle `Last Checkpoint: 8 minutes ago (unsaved changes)`. A `Logout` button is visible in the top right. The main menu bar includes `File`, `Edit`, `View`, `Insert`, `Cell`, `Kernel`, `Widgets`, and `Help`. Below the menu bar is a toolbar with various icons. The `File` menu icon (a floppy disk) is highlighted with a red box, and a red arrow points to it from the left. Other icons in the toolbar include a plus sign, undo, redo, copy, paste, up, down, run, and a dropdown menu currently set to `Code`. The notebook content area shows two input cells. The first cell contains the code `In [1]: 2 + 3` and its output `Out[1]: 5`. The second cell is empty, showing `In []:` followed by a cursor.

You can view the first_nb.ipynb
file at your desktop now

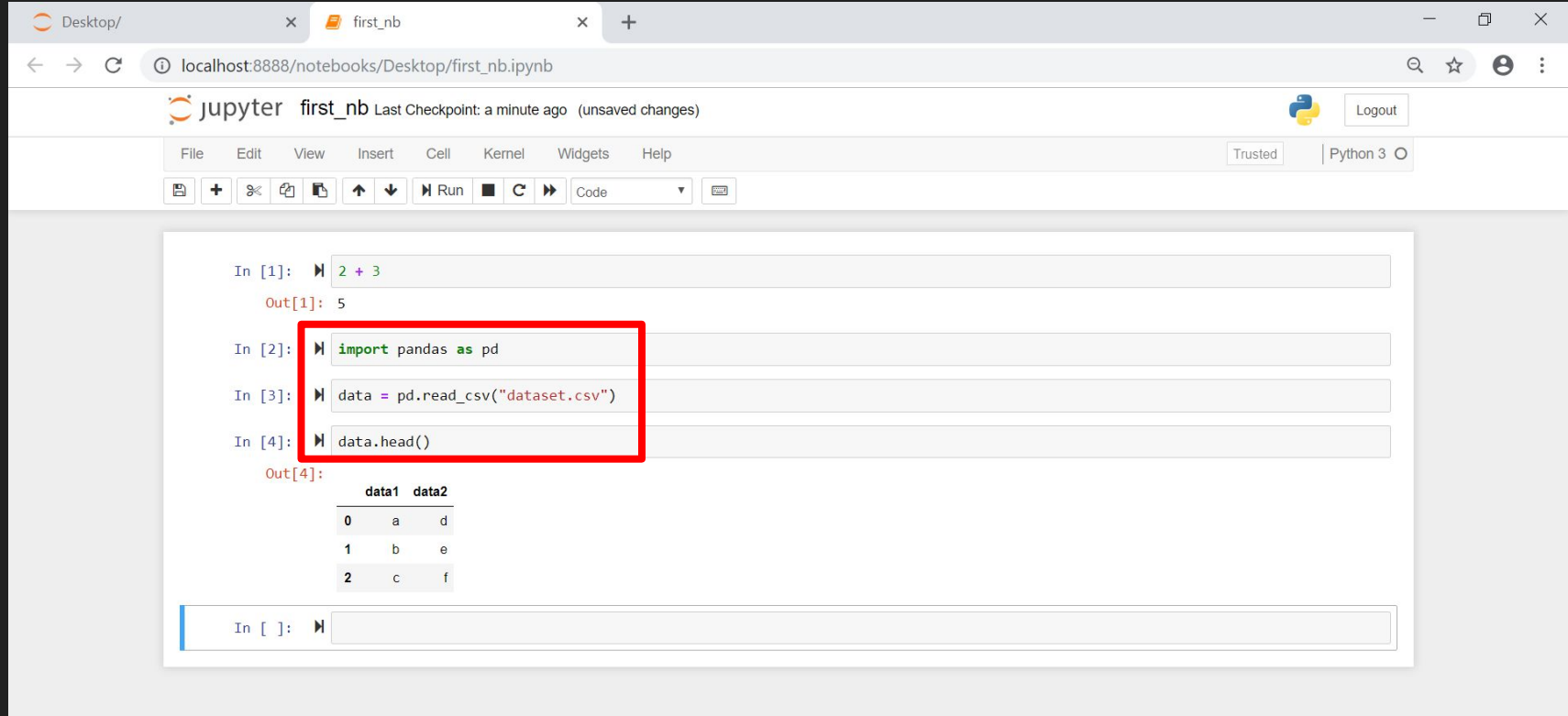


Step 10 - Load dataset

First save the dataset in the same folder as your jupyter notebook file I will save it on Desktop



Step 11 - Write code in jupyter to load dataset



The screenshot shows a Jupyter Notebook interface in a web browser. The browser address bar shows `localhost:8888/notebooks/Desktop/first_nb.ipynb`. The notebook title is `first_nb` with a status of `Last Checkpoint: a minute ago (unsaved changes)`. The interface includes a menu bar (File, Edit, View, Insert, Cell, Kernel, Widgets, Help) and a toolbar with icons for file operations, running, and code execution. The code area contains four input cells:

- `In [1]: 2 + 3`
- `Out[1]: 5`
- `In [2]: import pandas as pd`
- `In [3]: data = pd.read_csv("dataset.csv")`
- `In [4]: data.head()`
- `Out[4]:`

The output of the fourth cell is a table with two columns, `data1` and `data2`, and three rows of data:

	data1	data2
0	a	d
1	b	e
2	c	f

The code cells for `import pandas as pd`, `data = pd.read_csv("dataset.csv")`, and `data.head()` are highlighted with a red rectangle.

Congrats !!! You made your first Jupyter Notebook !

