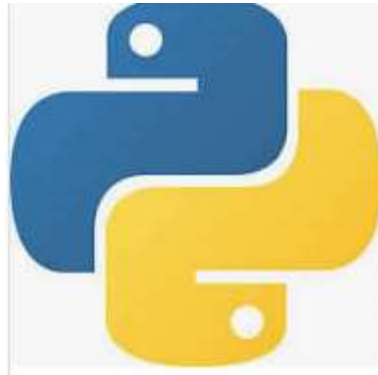


# SQL WITH PYTHON

CONNECT DATABASE WITH PYTHON  
USE JUPYTER NOTEBOOK



# STEPS

- OPEN IDLE-PYTHON

- Write `import mysql.connector as sql`
- `Mydb = sql.connector( host = "localhost",  
user = "root ", password = "password",  
use_pure = True)`
- `Print(mydb)`

# SQL --> JUPYTER

- Go to Browser and search Anaconda
- Install Anaconda
- After installation search anaconda in your system and open prompt
- And writ “conda info” to check information about Anaconda
- Write “jupyter notebook”

```
(base) PS C:\Users\dell> conda info
```

```

    active environment : base
    active env location : C:\Users\dell\anaconda3
        shell level : 1
    user config file : C:\Users\dell\.condarc
populated config files :
    conda version : 23.5.2
    conda-build version : 3.25.0
    python version : 3.11.3.final.0
    virtual packages : __archspec=1=x86_64
                      __win=0=0
    base environment : C:\Users\dell\anaconda3 (writable)
    conda av data dir : C:\Users\dell\anaconda3\etc\conda
    conda av metadata url : None
        channel URLs : https://repo.anaconda.com/pkgs/main/win-64
                      https://repo.anaconda.com/pkgs/main/noarch
                      https://repo.anaconda.com/pkgs/r/win-64
                      https://repo.anaconda.com/pkgs/r/noarch
                      https://repo.anaconda.com/pkgs/msys2/win-64
                      https://repo.anaconda.com/pkgs/msys2/noarch
    package cache : C:\Users\dell\anaconda3\pkgs
                   C:\Users\dell\.conda\pkgs
                   C:\Users\dell\AppData\Local\conda\conda\pkgs
    envs directories : C:\Users\dell\anaconda3\envs
                   C:\Users\dell\.conda\envs
                   C:\Users\dell\AppData\Local\conda\conda\envs
    platform : win-64
    user-agent : conda/23.5.2 requests/2.29.0 CPython/3.11.3 Windows/10 Windows/10.0.19045
    administrator : False
    netrc file : None
    offline mode : False

```

```
(base) PS C:\Users\dell> _
```

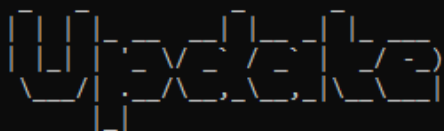
```

C:\Users\dell\AppData\Local\conda\conda\envs
platform : win-64
user-agent : conda/23.5.2 requests/2.29.0 CPython/3.11.3 Windows/10 Windows/10.0.19045
administrator : False
netrc file : None
offline mode : False

```

(base) PS C:\Users\dell> jupyter notebook

[I 15:41:12.297 NotebookApp] Writing notebook server cookie secret to C:\Users\dell\AppData\Roaming\jupyter\runtime\notebook\_cookie\_se



Read the migration plan to Notebook 7 to learn about the new features and the actions to take if you are using extensions.

[https://jupyter-notebook.readthedocs.io/en/latest/migrate\\_to\\_notebook7.html](https://jupyter-notebook.readthedocs.io/en/latest/migrate_to_notebook7.html)

Please note that updating to Notebook 7 might break some of your extensions.

[W 15:41:16.903 NotebookApp] Loading JupyterLab as a classic notebook (v6) extension.

[C 15:41:16.904 NotebookApp] You must use Jupyter Server v1 to load JupyterLab as notebook extension. You have v2.5.0 installed.

You can fix this by executing:

```
pip install -U "jupyter-server<2.0.0"
```

[I 15:41:22.545 NotebookApp] Serving notebooks from local directory: C:\Users\dell

[I 15:41:22.546 NotebookApp] Jupyter Notebook 6.5.4 is running at:

[I 15:41:22.548 NotebookApp] <http://localhost:8888/?token=c05f0f5559424ac1d41566bca9097b580033f8ed40b63052>

[I 15:41:22.552 NotebookApp] or <http://127.0.0.1:8888/?token=c05f0f5559424ac1d41566bca9097b580033f8ed40b63052>

[I 15:41:22.553 NotebookApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).

[C 15:41:22.711 NotebookApp]

To access the notebook, open this file in a browser:

file:///C:/Users/dell/AppData/Roaming/jupyter/runtime/nbserver-868-open.html

Or copy and paste one of these URLs:

<http://localhost:8888/?token=c05f0f5559424ac1d41566bca9097b580033f8ed40b63052>

or <http://127.0.0.1:8888/?token=c05f0f5559424ac1d41566bca9097b580033f8ed40b63052>

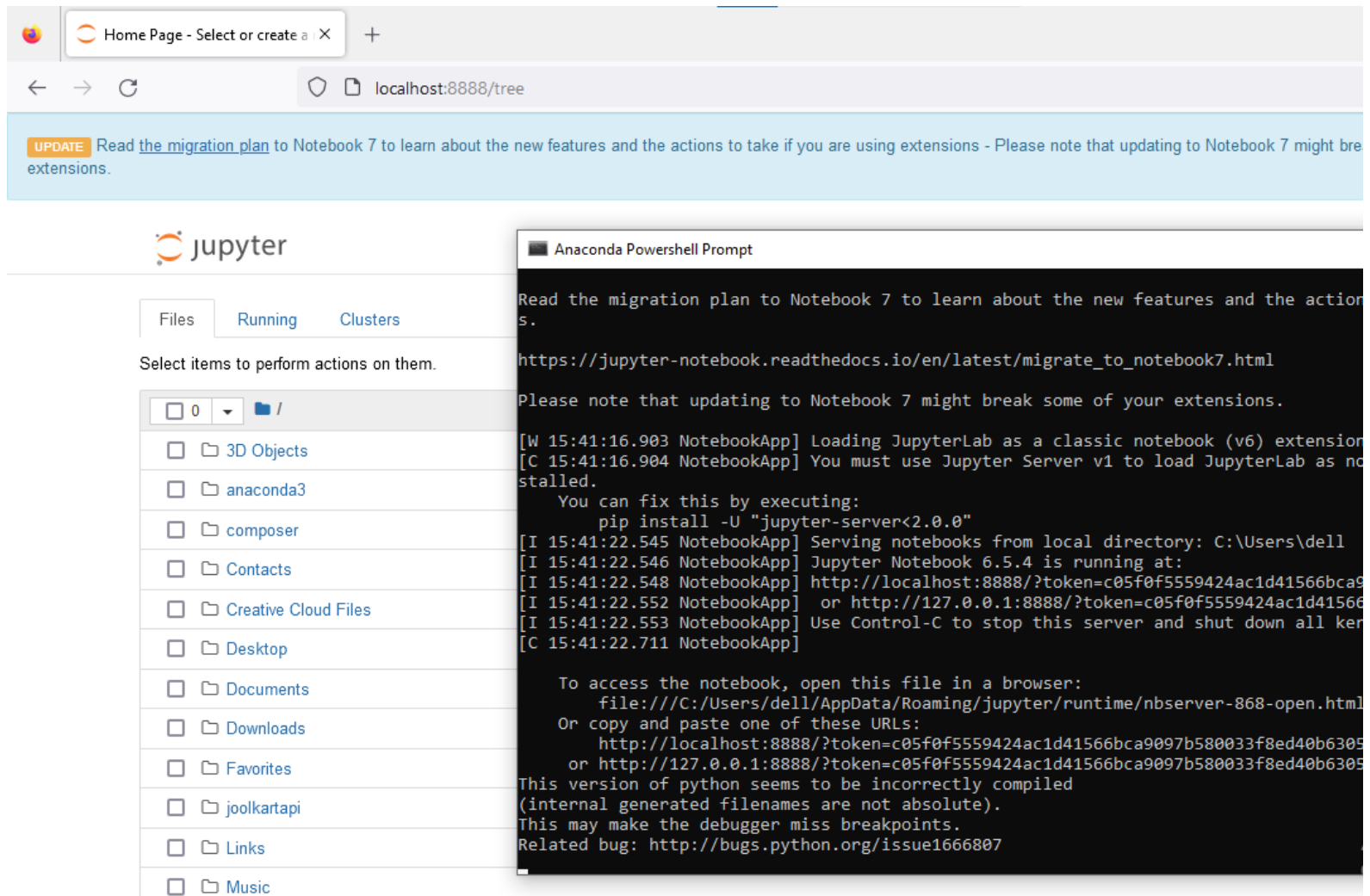
This version of python seems to be incorrectly compiled

(internal generated filenames are not absolute).

This may make the debugger miss breakpoints.

Related bug: <http://bugs.python.org/issue1666807>

# Once you write Jupyter Notebook -> jupyter notebook will open on your Browser



The image shows a web browser window displaying the Jupyter Notebook interface. The browser's address bar shows the URL `localhost:8888/tree`. A blue banner at the top of the Jupyter interface contains an "UPDATE" message: "Read the [migration plan](#) to Notebook 7 to learn about the new features and the actions to take if you are using extensions - Please note that updating to Notebook 7 might break some of your extensions."

The Jupyter interface has a sidebar on the left with tabs for "Files", "Running", and "Clusters". Under the "Files" tab, there is a list of folders: 3D Objects, anaconda3, composer, Contacts, Creative Cloud Files, Desktop, Documents, Downloads, Favorites, joolkartapi, Links, and Music. Each folder has a checkbox next to it.

Overlaid on the right side of the Jupyter interface is an "Anaconda Powershell Prompt" window. It displays the following text:

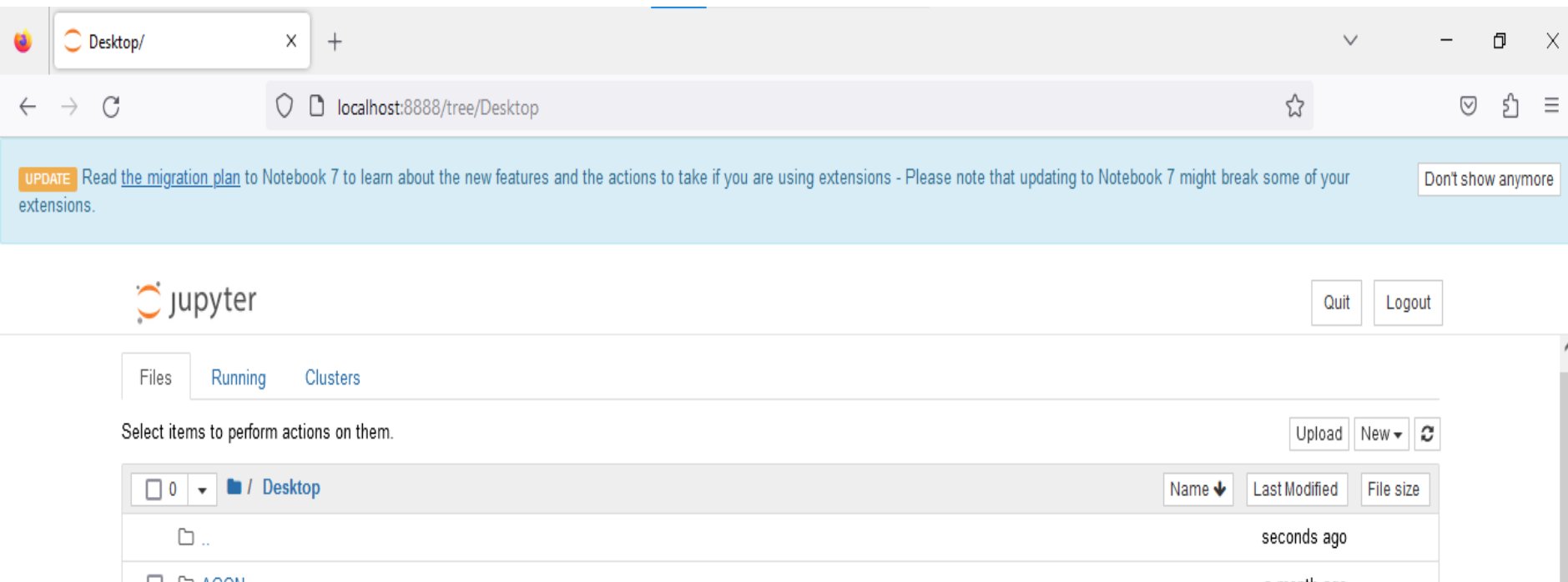
```
Read the migration plan to Notebook 7 to learn about the new features and the actions.
https://jupyter-notebook.readthedocs.io/en/latest/migrate_to_notebook7.html
Please note that updating to Notebook 7 might break some of your extensions.

[W 15:41:16.903 NotebookApp] Loading JupyterLab as a classic notebook (v6) extension
[C 15:41:16.904 NotebookApp] You must use Jupyter Server v1 to load JupyterLab as not
stalled.
You can fix this by executing:
    pip install -U "jupyter-server<2.0.0"
[I 15:41:22.545 NotebookApp] Serving notebooks from local directory: C:\Users\dell
[I 15:41:22.546 NotebookApp] Jupyter Notebook 6.5.4 is running at:
[I 15:41:22.548 NotebookApp] http://localhost:8888/?token=c05f0f5559424ac1d41566bca9
[I 15:41:22.552 NotebookApp] or http://127.0.0.1:8888/?token=c05f0f5559424ac1d41566
[I 15:41:22.553 NotebookApp] Use Control-C to stop this server and shut down all ker
[C 15:41:22.711 NotebookApp]

To access the notebook, open this file in a browser:
    file:///C:/Users/dell/AppData/Roaming/jupyter/runtime/nbserver-868-open.html
Or copy and paste one of these URLs:
    http://localhost:8888/?token=c05f0f5559424ac1d41566bca9097b580033f8ed40b6305
    or http://127.0.0.1:8888/?token=c05f0f5559424ac1d41566bca9097b580033f8ed40b6305
This version of python seems to be incorrectly compiled
(internal generated filenames are not absolute).
This may make the debugger miss breakpoints.
Related bug: http://bugs.python.org/issue1666807
```

# Sql commands in Jupyter

- Open jupyter notebook
- Select Desktop



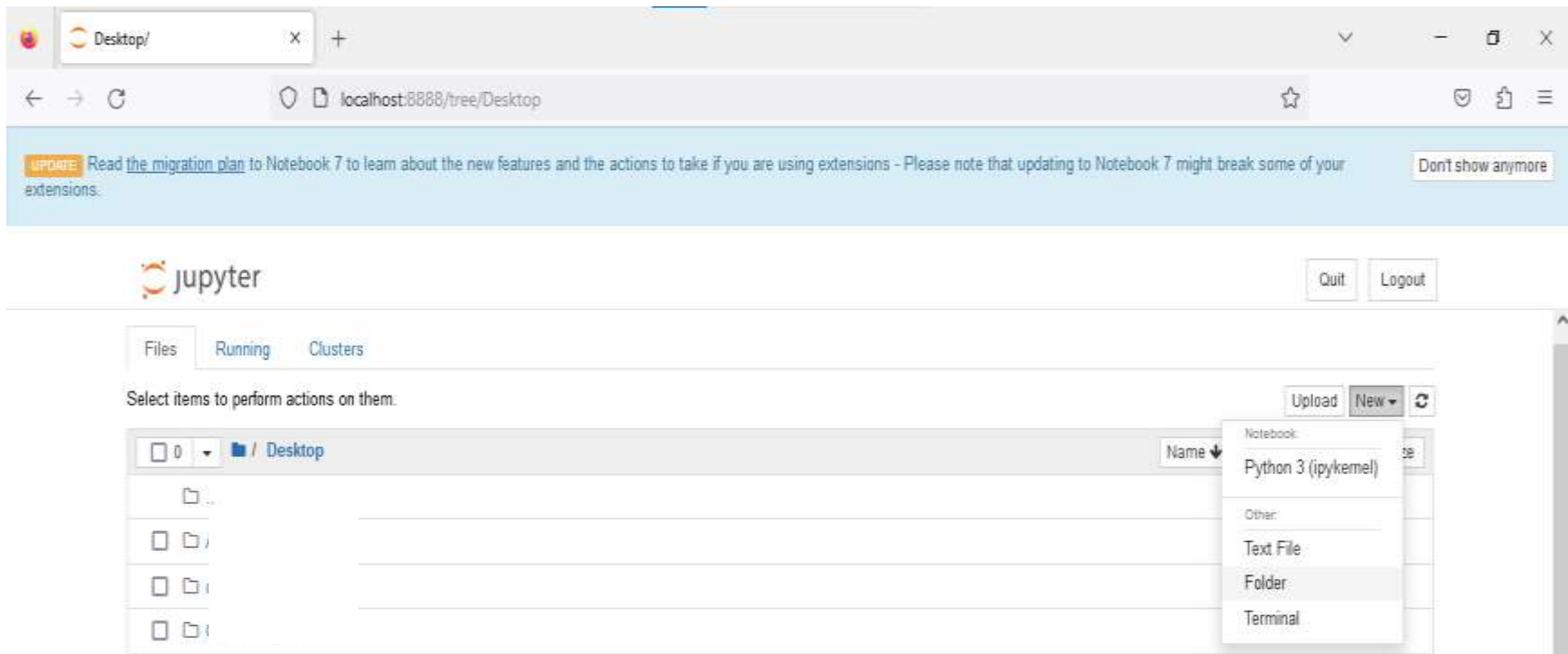
The screenshot displays the Jupyter Notebook web interface. At the top, a browser window shows the address bar with the URL `localhost:8888/tree/Desktop`. Below the browser window, a blue banner contains an update message: "UPDATE Read the [migration plan](#) to Notebook 7 to learn about the new features and the actions to take if you are using extensions - Please note that updating to Notebook 7 might break some of your extensions." with a "Don't show anymore" button.

The main interface features the Jupyter logo and the text "jupyter" on the left. On the right, there are "Quit" and "Logout" buttons. Below this, there are tabs for "Files", "Running", and "Clusters". The "Files" tab is active, showing a message: "Select items to perform actions on them." Above the file list are buttons for "Upload", "New", and a refresh icon.

The file list shows the current directory as `/ Desktop`. The first entry is `..` (parent directory), and the second entry is `ACOM`. The table headers are "Name", "Last Modified", and "File size".

Name	Last Modified	File size
..	seconds ago	
ACOM	seconds ago	

# Create new file



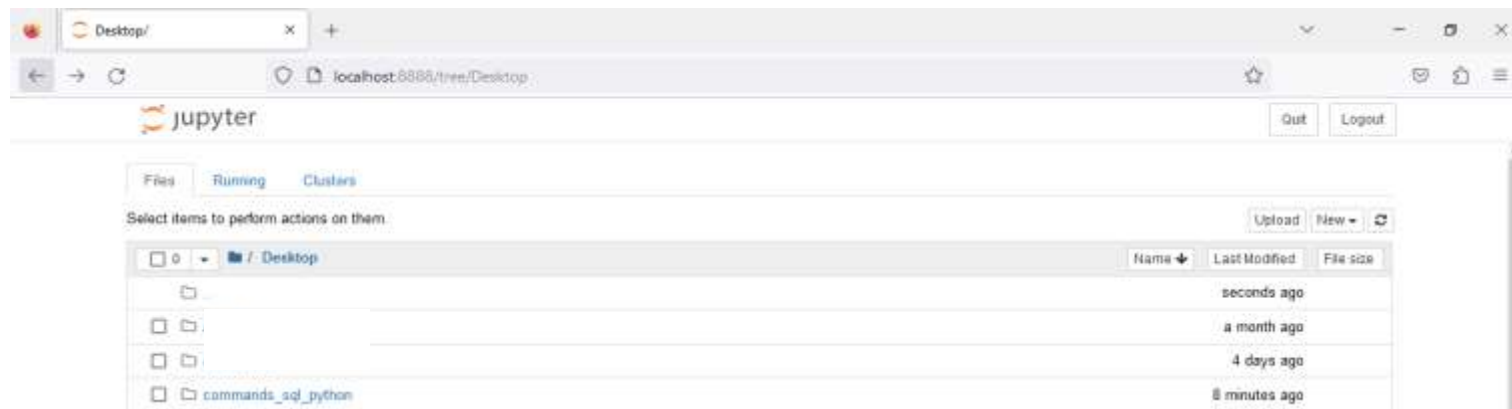
**STEPS :-** Go to right side click on **“NEW”** button and select **‘Folder’**



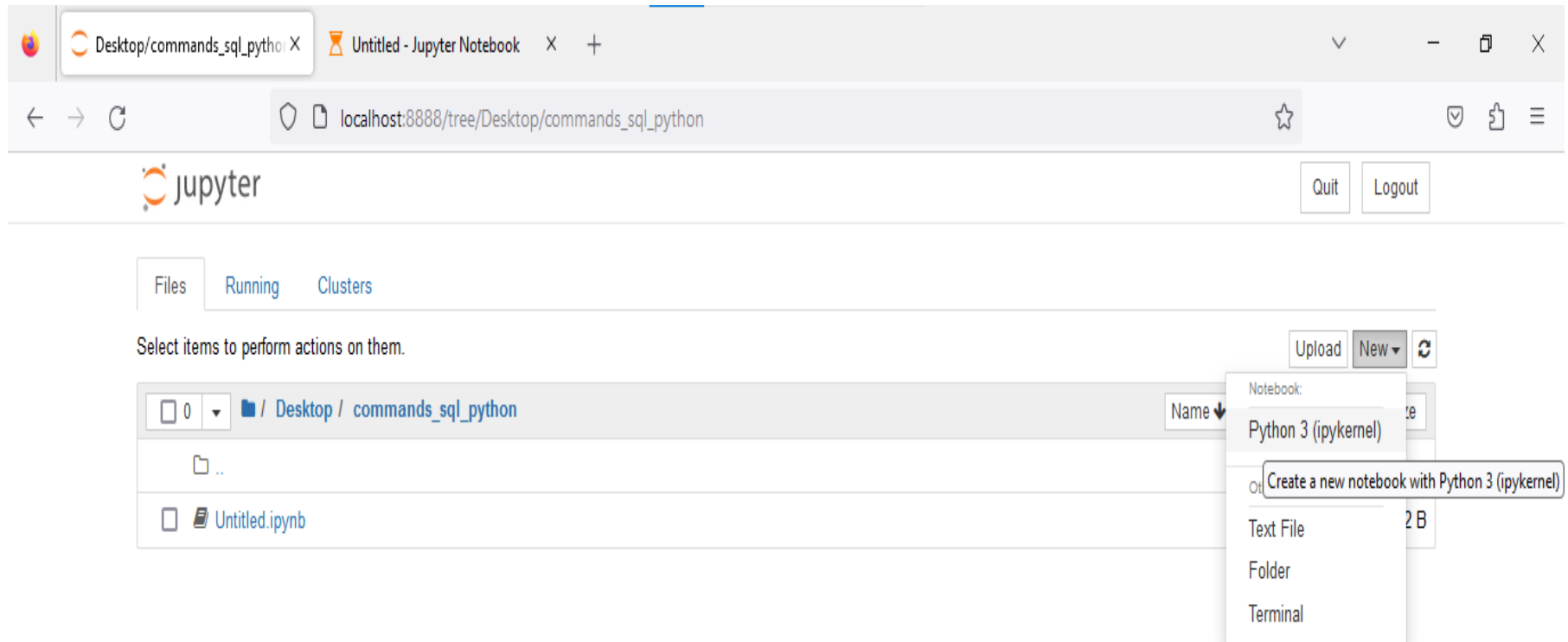
# Rename it by selecting the folder from left side check box



After Rename open that folder



# Create a new notebook with python extension(Go to New → Python 3(ipynb))



- After that, write commands in jupyter and proceed all sql command
- For more understanding please follow the jupyter file

***THE END***