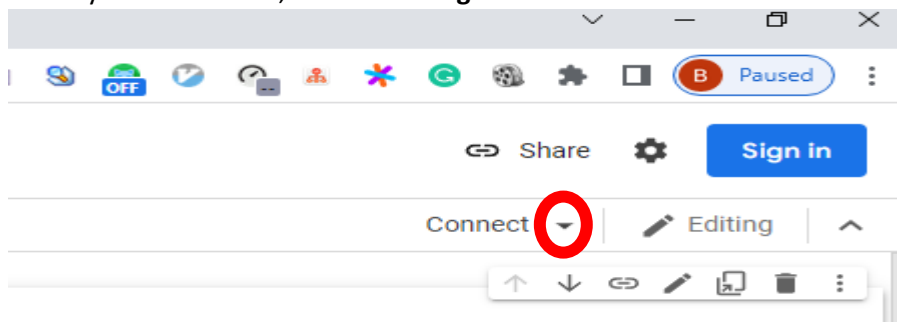# Instruction

Hardware: NVIDIA RTX 2080 super

IDLE: Google Colab (recommended)
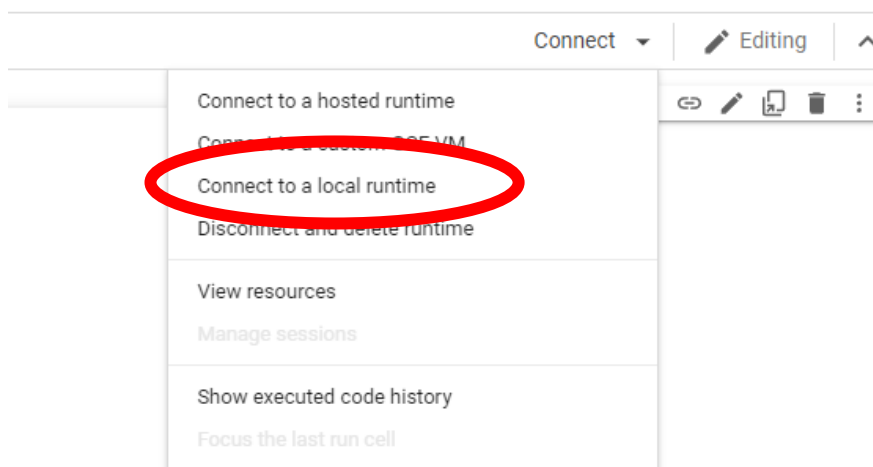
Framework: PyTorch

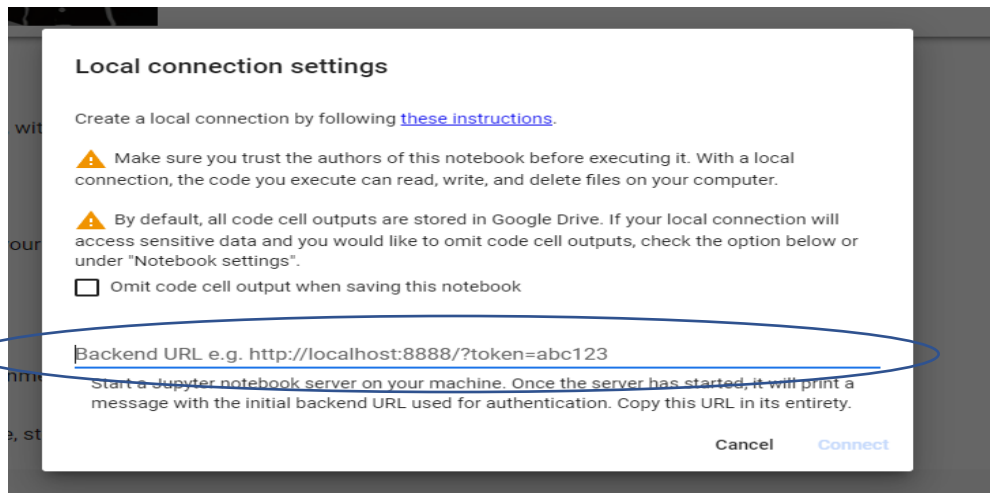**How to set the environment up:**

1. Open google chrome and login your google account, then go to Google Colab.
2. When you are in Colab, click **the triangle beside Connect.**

3. Then, select 'Connect to local runtime'

4. A window shows up, and it requires a **Backend URL**.

5. Open **Anaconda PowerShell Prompt** on your machine and run commands respectively:
   1) pip install jupyter_http_over_ws
   2) jupyter serverextension enable --py jupyter_http_over_ws
   3) jupyter notebook --NotebookApp.allow_origin='https://colab.research.google.com' --port=8888 --NotebookApp.port_retries=0

   Then copy the generated link back to **Backend URL** box in colab and click **Connect**.

6. In Colab code block,
   1) Run 'cd' to change working directory.

   2) Run ' pip install torch==1.9.1+cu102 torchvision==0.10.1+cu102 torchaudio==0.9.0 -f https://download.pytorch.org/whl/torch_stable.html ' to install PyTorch. After this, you need to restart Colab.

7. Finally, run code below. If it returns a True, you can do further exercise. Happy coding!