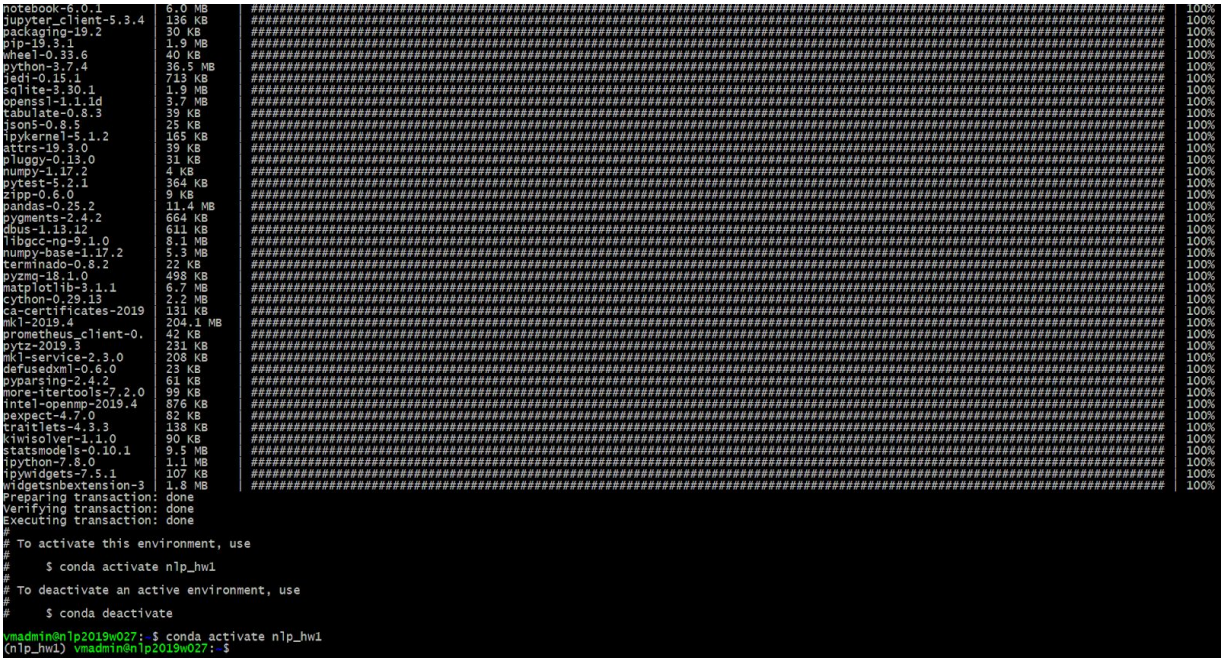
HW2 Anaconda Python 3 Environment Setup

1. Once you've successfully connected to your Azure machine with the user ***student***, you can access the data files and Anaconda environment file for HW2 in the path `/datashare/hw2/` or use software like FileZilla or MobaXterm to transfer files from your computer to the machine.

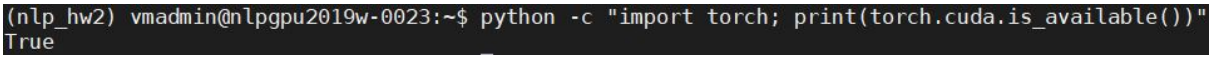
2. Before your first time running any Python code on the machine, you will need to set up your Anaconda Python environment once. Run the following command:
   `conda env create --file /datashare/hw2/nlp_hw2_env.yml`

3. After the environment setup completes successfully, and each time you log in to the machine from now on, you must activate the environment before you start running any Python code:
   `conda activate nlp_hw2`



4. To verify that your environment setup succeeded, please run the following command after activating the `nlp_hw2` environment, it should return `True`:

```
python -c "import torch; print(torch.cuda.is_available())"
```



5. It's recommended to work with your own GitHub repository for organizing version control for your code.
   You can also make use of the following utilities in your code:
   a. Send email from python script
   b. Timer

6. Once your environment is set up, you can develop and run your code on the machine by:
   a. Syncing your code to the machine (directly or via git) and running it directly through the terminal
   b. Jupyter Notebook
   c. PyCharm Professional