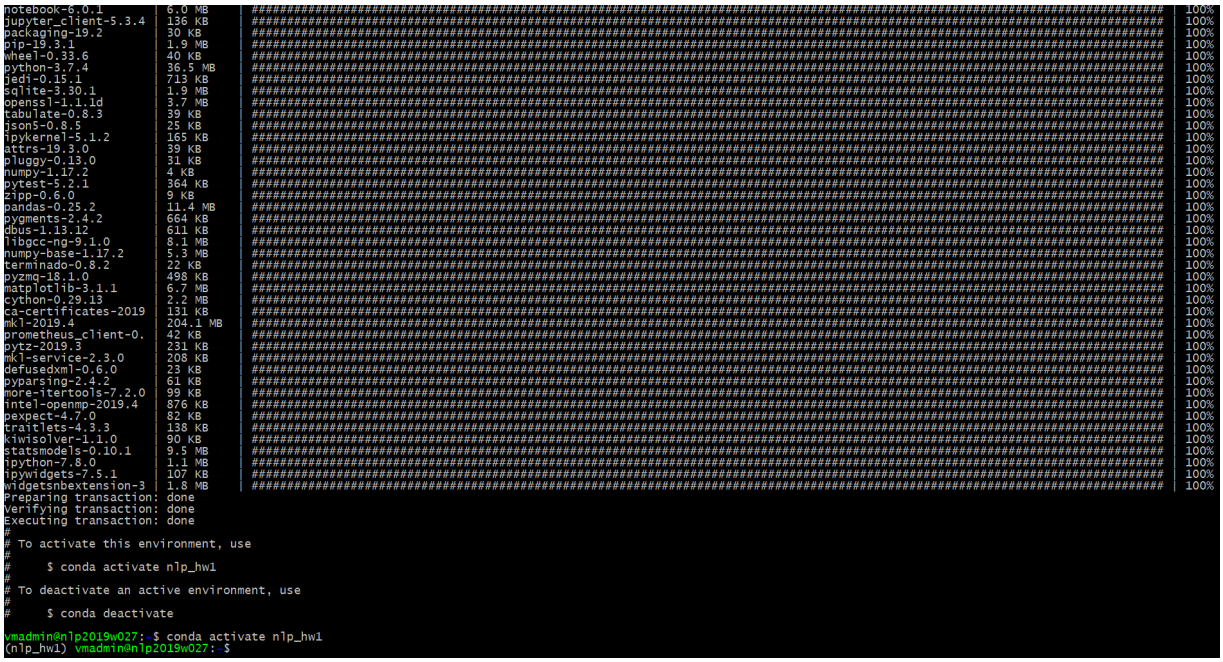
HW1 Anaconda Python 3 Environment Setup

1. Once you've successfully connected to your Azure machine, you can access the data files and Anaconda environment file for HW1 in the path `/datashare/hw1/` or you can run an `scp` command (or use software like FileZilla) to transfer files from your computer to the machine. For example:
   `scp <your file> student@<machine address>:~/`
   (You will need to enter the password ***Technion2020!*** each time you run this command)

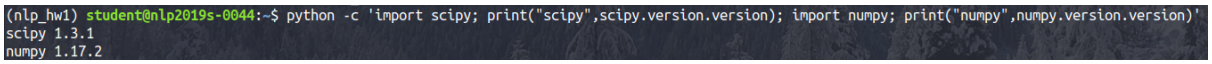
2. Before your first time running any Python code on the machine, you will need to set up your Anaconda Python environment once.
   Run the following command:
   `conda env create --file /datashare/hw1/nlp_hw1_env.yml`

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_hw1`



4. To verify that your *nlp_hw1* environment setup succeeded, please activate it, and run the following command, it should print the versions for *scipy* and *numpy* :

   ```
   python -c 'import scipy; print("scipy",scipy.version.version); import numpy; print("numpy",numpy.version.version)'
   ```

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 command line
   b. Jupyter Notebook
   c. PyCharm Professional