Homework 1:

- **Show ALL Work, Neatly and in Order.**

Note 1: If you submit this HW, it means you know, how to create ssh keys (terminal, puttygen), create instances (CPU, GPU), connect to the clouds (AWS and GCP) using terminal or Mobaxterm and you can run Pycharm remotely.

Windows Machine:

- ☐ **I installed Mobaxterm.**
- ☐ **I installed Pycharm Professional.**
- ☐ **I know how to generate SSH keys (public and private)**
- ☐ **I know how to create CPU and GPU instance (AWS and GCP)**
- ☐ **I know how to connect to GCP and AWS cloud using Mobaxterm.**
- ☐ **I created a GPU instance which all the softwares are installed (image option and manually install all the frameworks)**
- ☐ **I did test all the frameworks in the cloud (followed the GitHub)**
- ☐ **I did configure Pycharm remote connection.**
- ☐ **I can clone any of course GitHub repo and run the code remotely from Pycharm.**
- ☐ **By checking this box it means any time I can do all above.**

Mac Machine:

- ☐ **I did update or install Xquartz.**
- ☐ **I installed Pycharm Professional.**
- ☐ **I know how to generate SSH keys (public and private)**
- ☐ **I know how to create CPU and GPU instance (AWS and GCP)**
- ☐ **I know how to connect to GCP and AWS cloud using Terminal.**
- ☐ **I created a GPU instance which all the softwares are installed (image option and manually install all the frameworks)**
- ☐ **I did test all the frameworks in the cloud (followed the GitHub)**
- ☐ **I did configure Pycharm remote connection.**
- ☐ **I can clone any of course GitHub repo and run the code remotely from Pycharm.**
- ☐ **By checking this box it means any time I can do all above.**