Assignment-1:

Due Date: 06/05 (during class time I will evaluate)

Description:
1) You have to create a conda environment and initialize it with python 3.9.
2) The name of the conda environment must be your SIUE id. Example, if your SIUE email-id is **dmdcz**@siue.edu then your environment name will be **dmdcz.** This is important.
3) Install two packages inside of this environment viz: pandas and numpy
4) Create a repository (repo) in github called **CS325_A1**, make it public (important).
5) From your computer push a **README.md** file to the repo. The content of the readme.md file should be:
   # CS325 Assignment
   ## This is a test repo, I am still learning
   ### Below is a code block
   ```

   python3 filename.py
   ```
6) Add another file called **hello_world.py** Write a small python program inside of this file. Anything that you want.
7) Push this **hello_world.py** file to your repo.
8) Create a branch now, the name of the branch will be **feature1** (Important)
9) Now shift the head of the branch from **main** to this branch called feature1.
10) Add a few more lines of code to your hello_world.py program and <u>push it into the new branch</u>.
11) Now export the environment **dmdcz** to a file called **requirements.yml** (Important)
12) Push this requirements file to your repo

Rubric: **150 points**
As mentioned earlier your repo should be **<u>public</u>**, otherwise I/TAs will not be able to grade it.
Able to push the README.md file with the content mentioned above-**30**
Able to push the python file (hello_world.py)-**20**
Able to create a branch-**50**
Able to push a modified python file to a new branch-**20**
Able to push the yml file-**30** (you have to export the dmdcz environment which contains python 3.9 and two other packages)

PLEASE DO NOT SEND IT TO ME. IF YOU HAVE ANY QUESTION WE WILL DISCUSS IT DURING THE MONDAY'S CLASS (06/03)

IF YOU HAVE ANY QUESTION ASK ME DURING THE CLASS, I AM HAPPY TO EXPLAIN.