Assignment 0

Zhuokun Ding

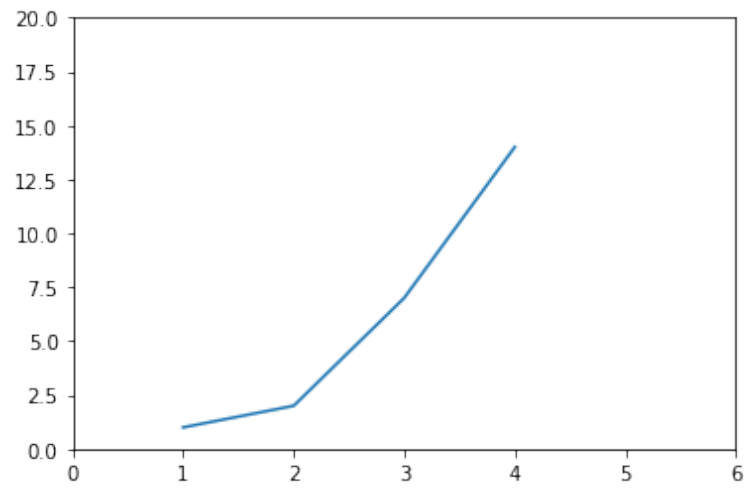### September 2019

Task 1

```
>> conda info

        active environment : base
      active env location : C:\Users\Zhuokun\Anaconda3
              shell level : 1
        user config file : C:\Users\Zhuokun\.condarc
 populated config files : C:\Users\Zhuokun\.condarc
            conda version : 4.7.5
      conda-build version : 3.17.6
          python version : 3.7.1.final.0
        virtual packages : __cuda=10.1
        base environment : C:\Users\Zhuokun\Anaconda3   (writable)
            channel URLs : https://repo.anaconda.com/pkgs/main/win-64
                           https://repo.anaconda.com/pkgs/main/noarch
                           https://repo.anaconda.com/pkgs/r/win-64
                           https://repo.anaconda.com/pkgs/r/noarch
                           https://repo.anaconda.com/pkgs/msys2/win-64
                           https://repo.anaconda.com/pkgs/msys2/noarch
          package cache : C:\Users\Zhuokun\Anaconda3\pkgs
                          C:\Users\Zhuokun\.conda\pkgs
                          C:\Users\Zhuokun\AppData\Local\conda\conda\pkgs
      envs directories : C:\Users\Zhuokun\Anaconda3\envs
                          C:\Users\Zhuokun\.conda\envs
                          C:\Users\Zhuokun\AppData\Local\conda\conda\envs
                platform : win-64
              user-agent : conda/4.7.5 requests/2.21.0 CPython/3.7.1 Windows/10 Windows/10.0.1
          administrator : False
              netrc file : None
            offline mode : False
```
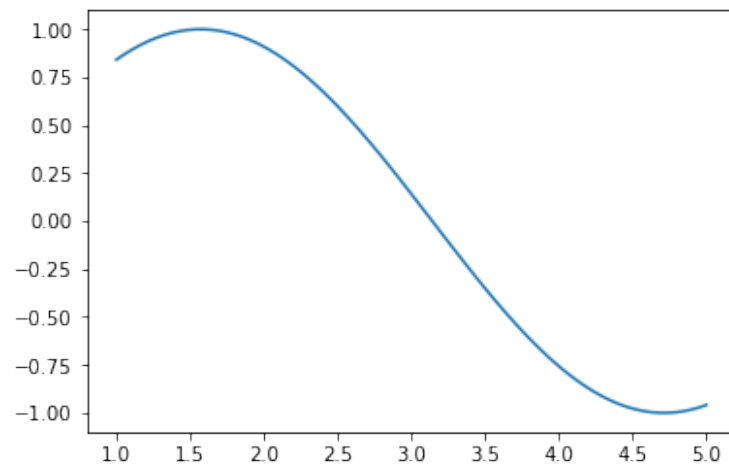
Task 2

See attached jupyter notebook.

Task 3

Task 4

```
import matplotlib.pyplot as plt
import numpy as np
t = np.linspace(1,5,100)
a = np.sin(t)
plt.plot(t,a)
```


Task 5

Github account: ZhuokunDing

Task 6

Link to my Github project: https://github.com/ZhuokunDing/COMP576

    I used VSCode instead of PyCharm, since I am more familiar with it. I would like to use VSCode in the future for the project if it is allowed.