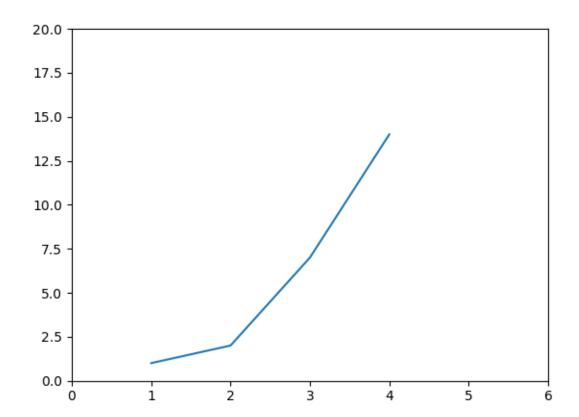
```
_ 0 %
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation.  All rights reserved.
C:\Users\Qiang>conda info
Current conda install:
                                             platform
                                                                         : 4.3.24
: False
: 4.3.24
                              conda version
           conda is private
conda-env version
conda-build version
python version
                                                                            4.3.24
not installed
3.6.1.final.0
2.14.2
C:\Users\Qiang\Anaconda3 (writable)
C:\Users\Qiang\Anaconda3\county
C:\Users\Qiang\Anaconda3\envs
C:\Users\Qiang\AppData\Local\conda\conda\envs
C:\Users\Qiang\AppData\Local\conda\conda\pkgs
C:\Users\Qiang\AppData\Local\conda\conda\pkgs
C:\Users\Qiang\AppData\Local\conda\conda\pkgs
C:\Users\Qiang\AppData\Local\conda\conda\pkgs
https://conda.anaconda.org/anaconda-fusion/piges
            requests version
root environment
default environment
                     envs directories :
                               package cache :
                                                                              C:\Users\Qiang\AppData\Local\conda\conda\pkgs
https://conda.anaconda.org/anaconda-fusion/win-64
https://conda.anaconda.org/anaconda-fusion/noarch
https://repo.continuum.io/pkgs/free/win-64
https://repo.continuum.io/pkgs/free/noarch
https://repo.continuum.io/pkgs/r/win-64
https://repo.continuum.io/pkgs/r/ooarch
https://repo.continuum.io/pkgs/pro/win-64
https://repo.continuum.io/pkgs/pro/noarch
https://repo.continuum.io/pkgs/msys2/win-64
https://repo.continuum.io/pkgs/msys2/noarch
C:\Users\Qiang\.condarc
None
                                 channel URLs :
                                    config file :
                                 netro file : None
offline mode : False
user-agent : conda/4.3.24 requests/2.14.2 CPython/3.6.1 Windows/7 W
indows/6.1.7601
                               administrator : False
C:\Users\Qiang>
```

```
IPython: C:Anaconda3/Scripts
            -> Introduction and overview of IPython's features.

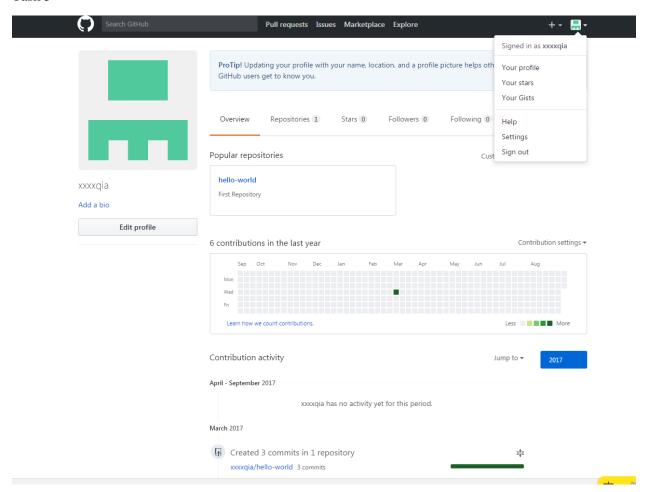
    ?quickref -> Quick reference.
    help -> Python's own help system.
    object? -> Details about 'object', use 'object??' for extra details.

[n [1]: import numpy as np
In [2]: import scipy.linalg
[n [3]: a = np.array([[1,2,3,4,5],[6,7,8,9,10]])
[n [4]: print(a.ndim)
 n [5]: print(a.size)
In [6]: print(a.shape)
(2, 5)
[n [7]: print(a.shape[1])
[n [8]: a[-1]
       array([ 6, 7, 8, 9, 10])
 n [9]: print(a[-1])
6 7 8 9 10]
[n [10]: print(a[1,1])
n [11]: print(a[1][1:3])
[7 8]
```

Task 4
import matplotlib.pyplot as plt
plt.plot([1,2,3,4],[1,2,7,14])
plt.axis([0,6,0,20])
plt.show()



Task 5



Task 6 https://github.com/xxxxqia/COMP576