Assignment 0

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Task1

>> conda info

```
(base) yunsun@YUNs-MacBook-Air ~ % conda info
[                                                                              ]

     active environment : base
    active env location : /opt/anaconda3
            shell level : 1
       user config file : /Users/yunsun/.condarc
 populated config files : /Users/yunsun/.condarc
          conda version : 4.10.3
    conda-build version : 3.21.4
         python version : 3.8.8.final.0
       virtual packages : __osx=10.16=0
                          __unix=0=0
                          __archspec=1=x86_64
       base environment : /opt/anaconda3  (writable)
      conda av data dir : /opt/anaconda3/etc/conda
  conda av metadata url : None
           channel URLs : https://repo.anaconda.com/pkgs/main/osx-64
                          https://repo.anaconda.com/pkgs/main/noarch
                          https://repo.anaconda.com/pkgs/r/osx-64
                          https://repo.anaconda.com/pkgs/r/noarch
          package cache : /opt/anaconda3/pkgs
                          /Users/yunsun/.conda/pkgs
       envs directories : /opt/anaconda3/envs
                          /Users/yunsun/.conda/envs
               platform : osx-64
             user-agent : conda/4.10.3 requests/2.27.1 CPython/3.8.8 Darwin/20.6.0 OSX/10.16
                UID:GID : 501:20
             netrc file : None
           offline mode : False

(base) yunsun@YUNs-MacBook-Air ~ % 
```
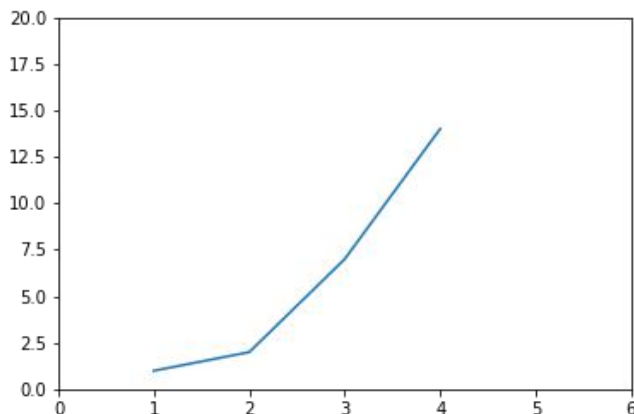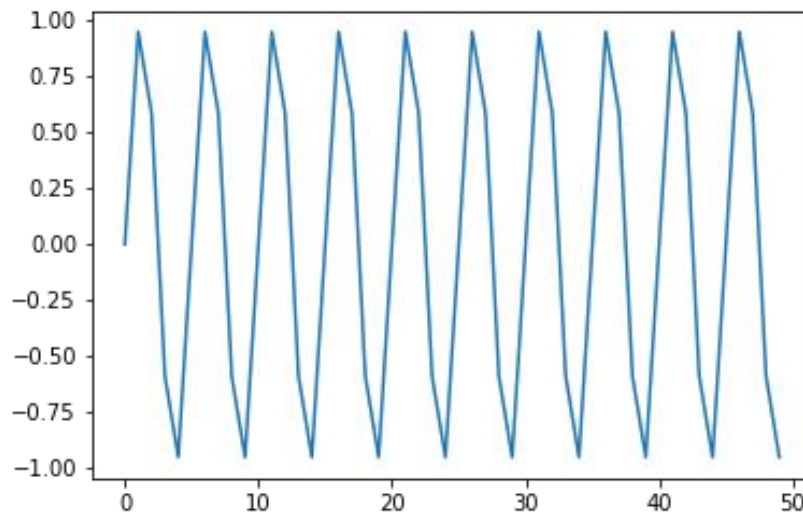
Task 2

See in github.

Task 3

```python
import matplotlib.pyplot as plt
plt.plot([1,2,3,4], [1,2,7,14])
plt.axis([0, 6, 0, 20])
plt.savefig('pic1.png')
plt.show()
```

Task 4

```python
import numpy as np
t = np.arange(0.0,10.0,0.2)
plt.plot(np.sin(2*np.pi*t))
plt.savefig('pic2.png')
plt.show()
```


Task 5:

Paste your VCS account into your report.

https://github.com/SophieSUN88

Task 6:

Start a new project in Pycharm. Commit and push your project to Bitbucket/GitHub as a public project. Paste the link of your project in your report.

https://github.com/SophieSUN88/comp576