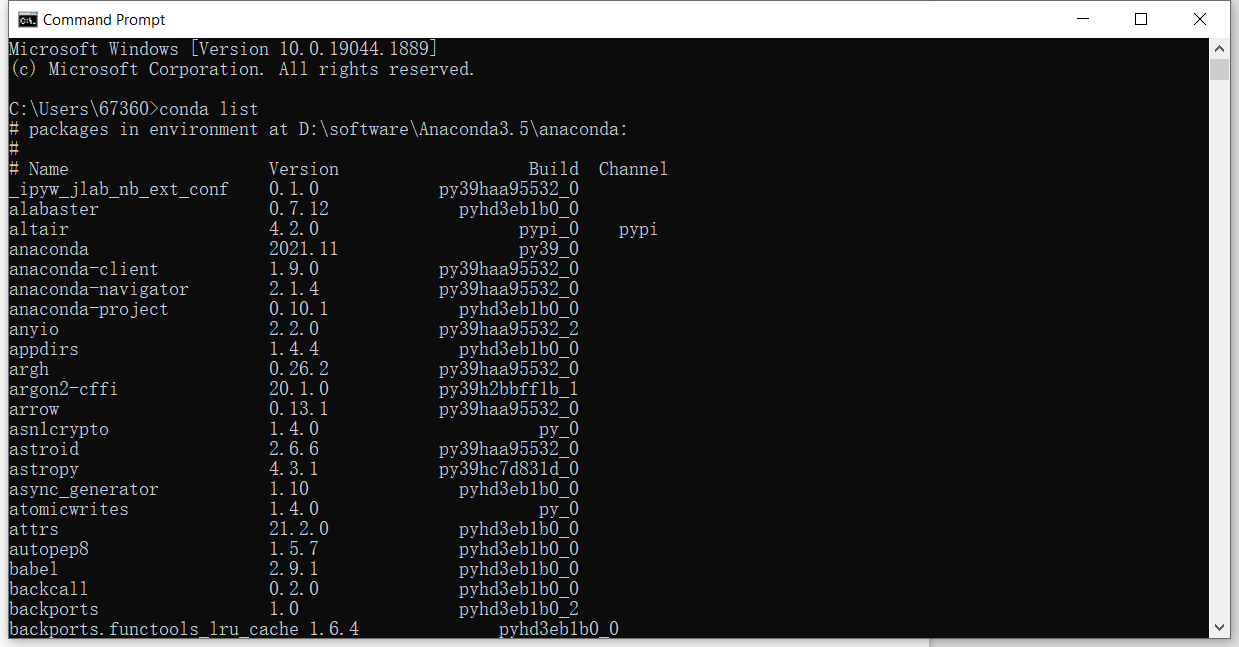
HW0

Xuetao Hu (S01400934)

**1. Python Machine Learning Stack (Anaconda)**

(1) conda list

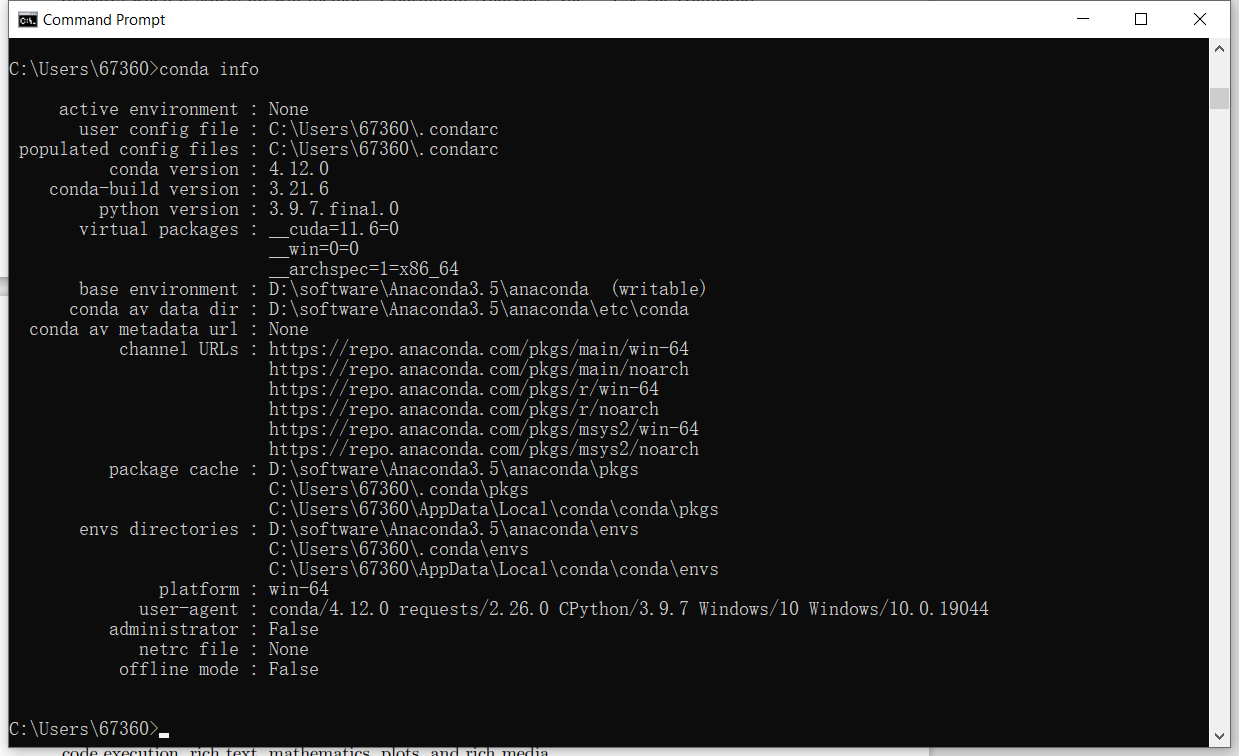


(2) python



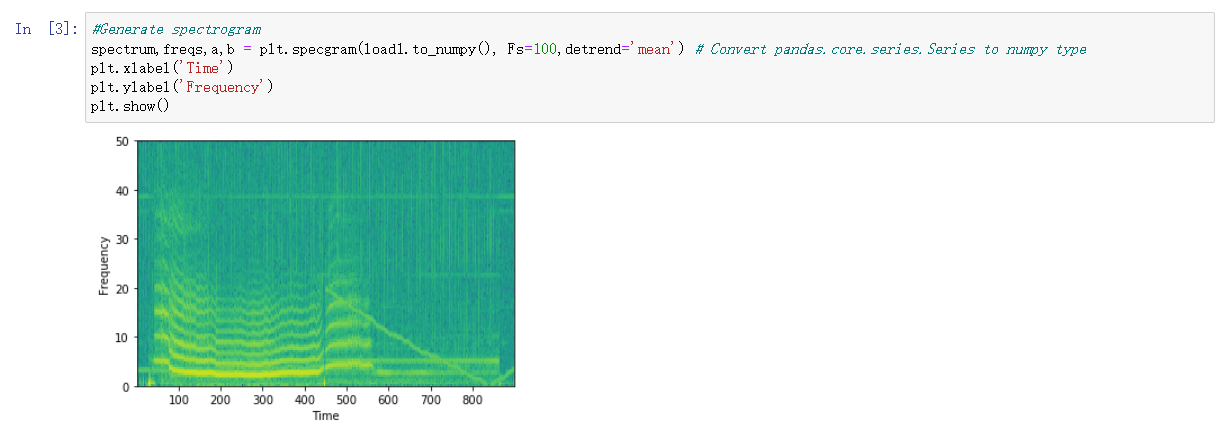
(3) quit()

(4) Task 1: conda info



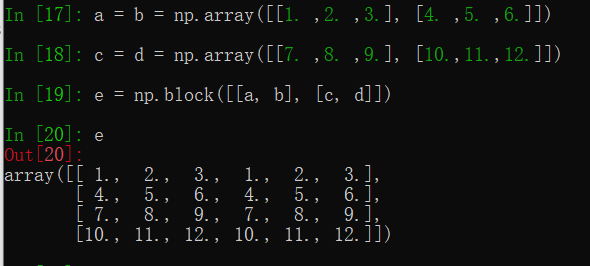
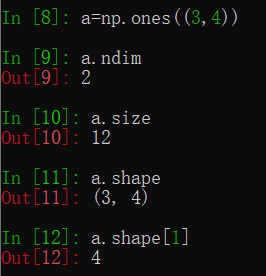
**2. Interactive Terminal**

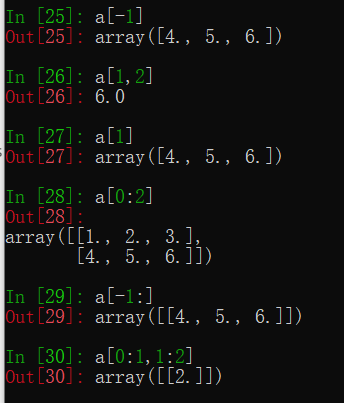
One simple case of Jupyte Notebook code:

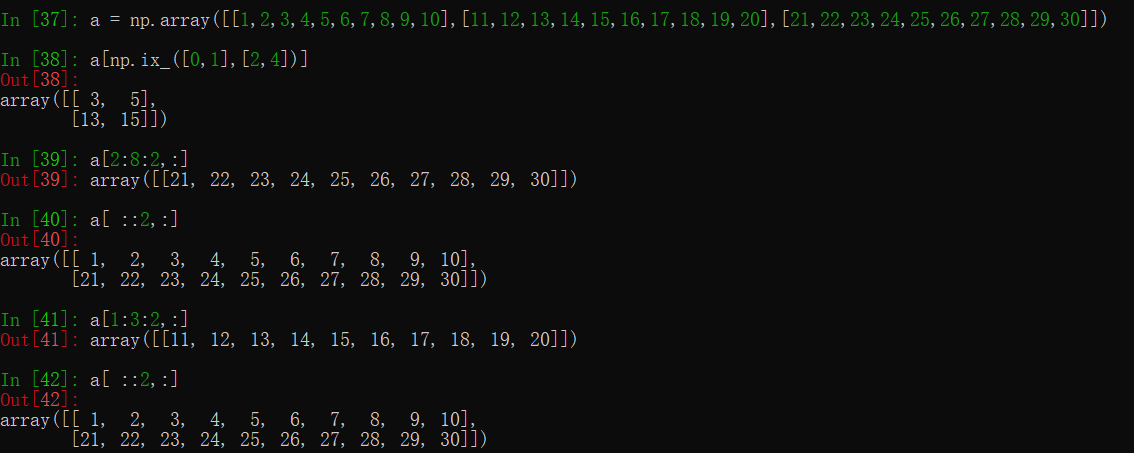


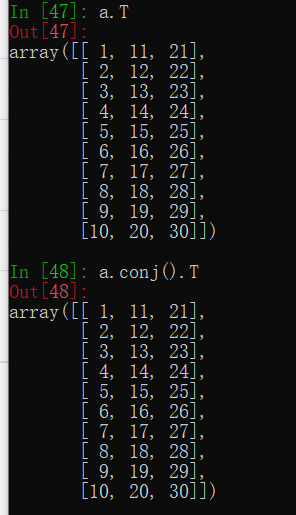
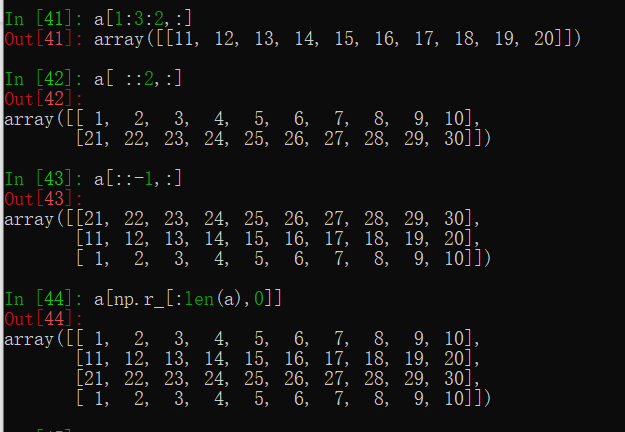
**3 Transition from MATLAB to Python**

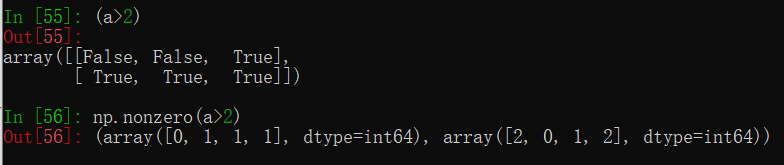
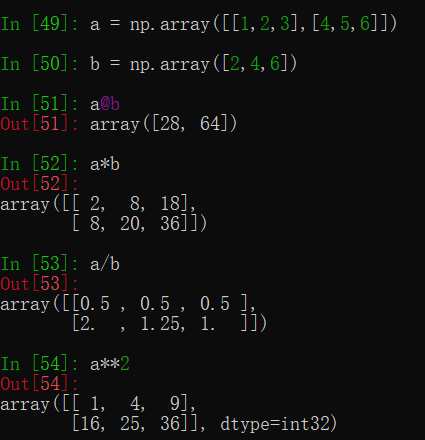
Task 2: Run all of Python commands in the table ”Linear Algebra Equivalents”

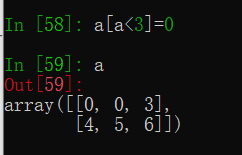
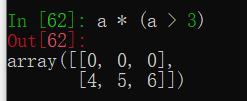
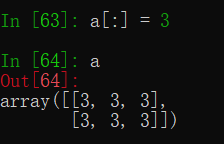


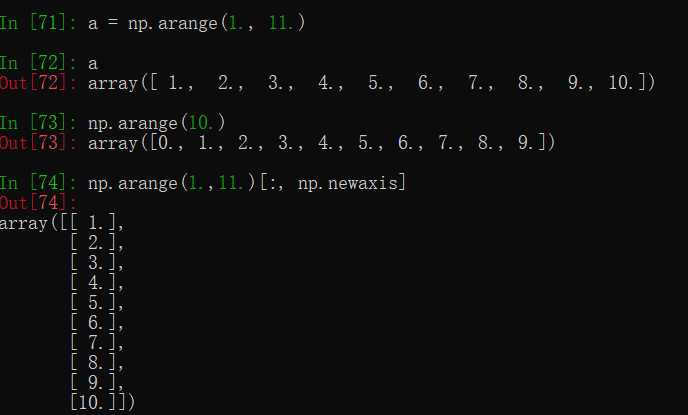
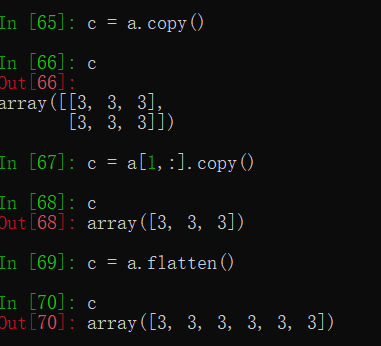


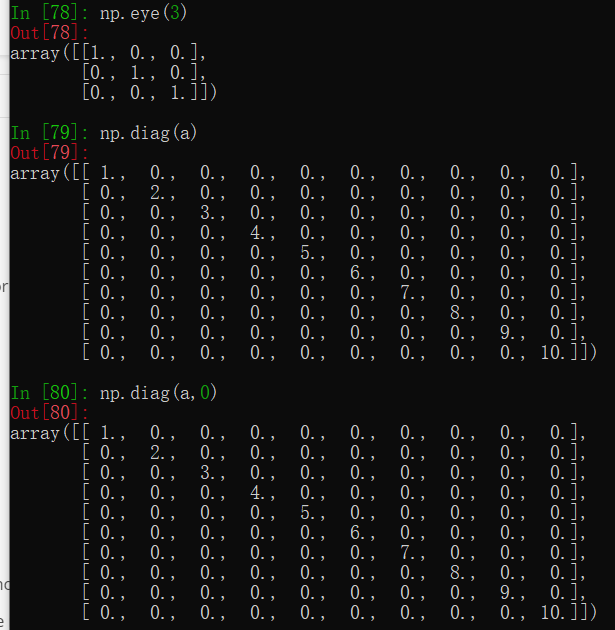
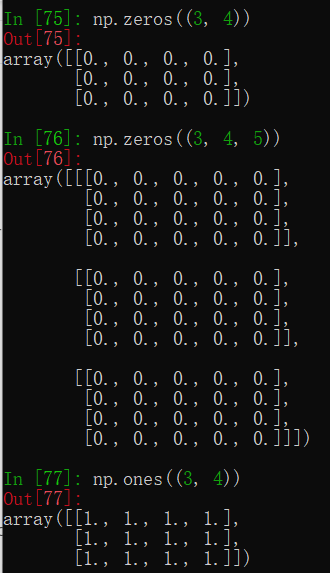


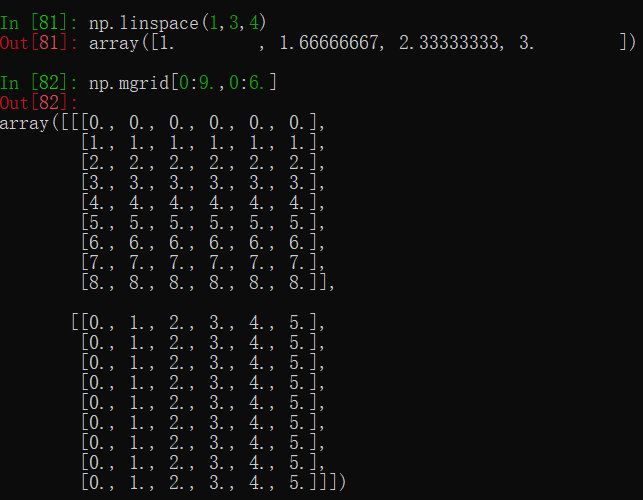


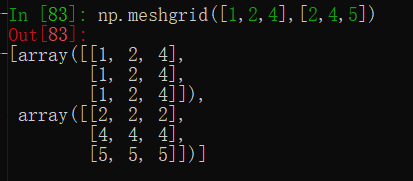


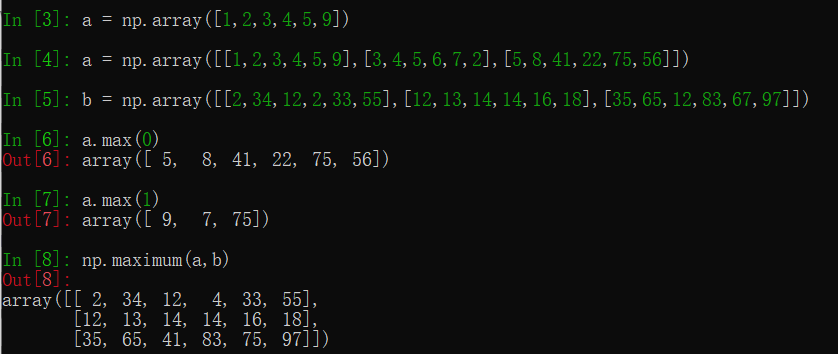
  

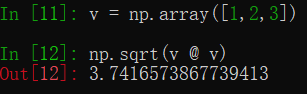


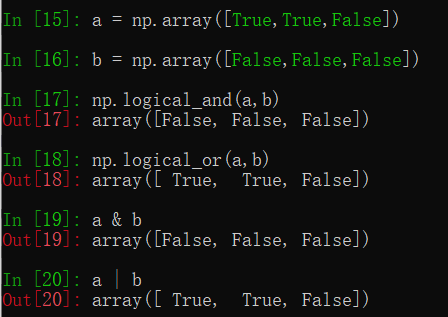


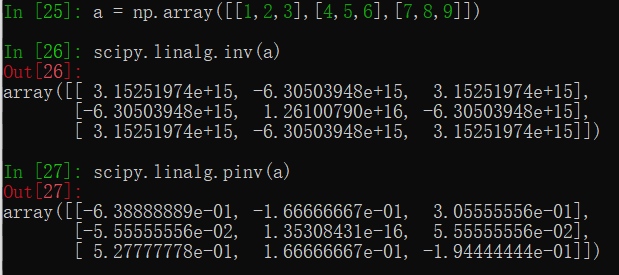


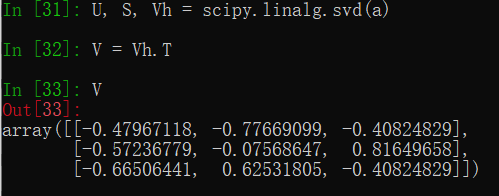
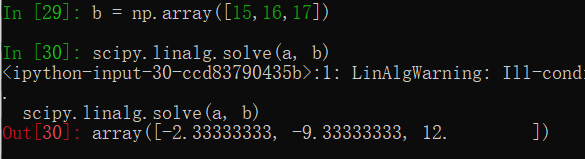


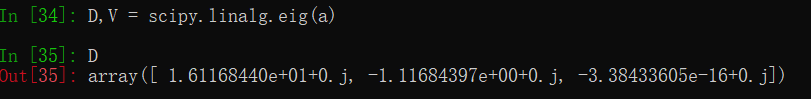


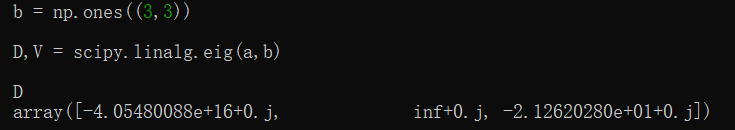


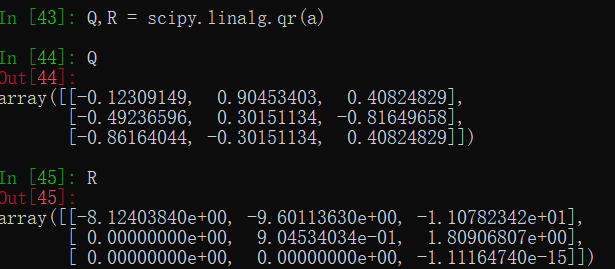


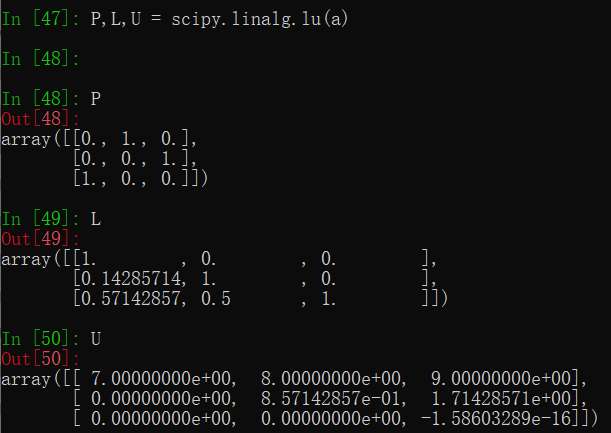


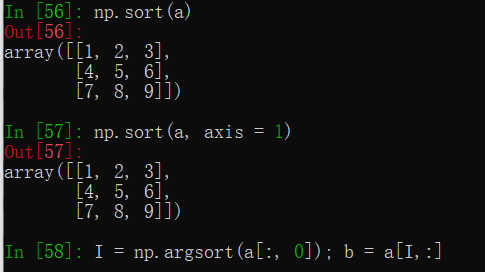


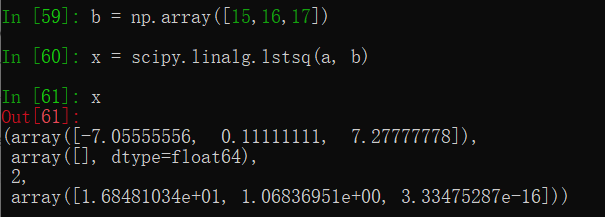


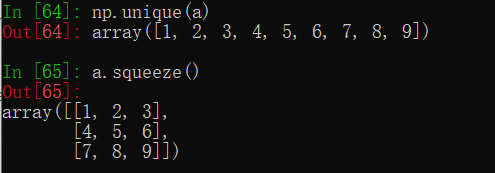






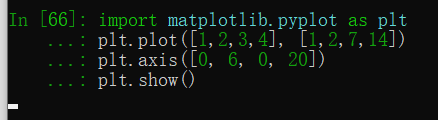


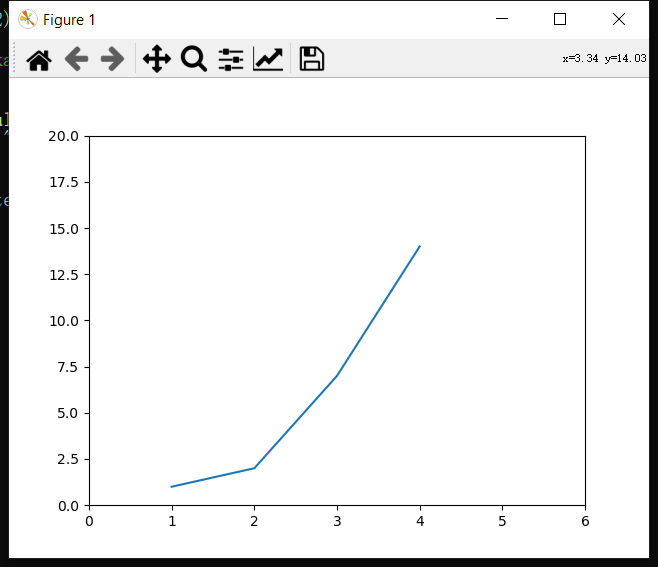




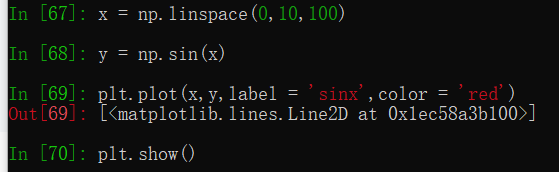
**4 Plotting (MatPlotLib/PyPlot)**

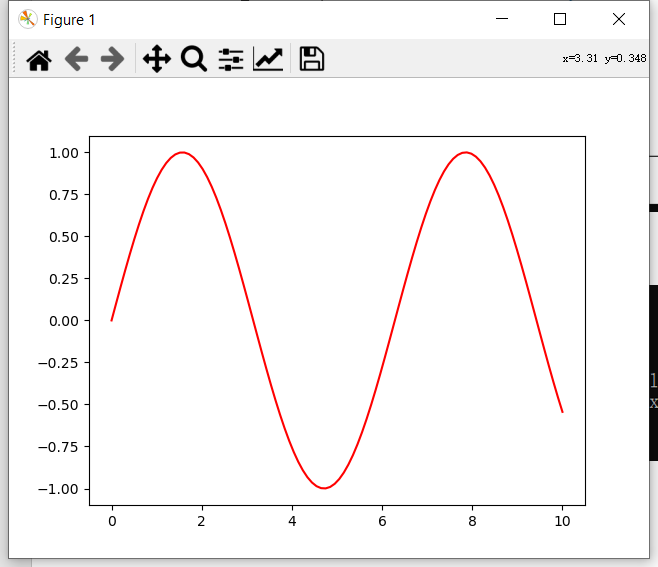
Task 3:





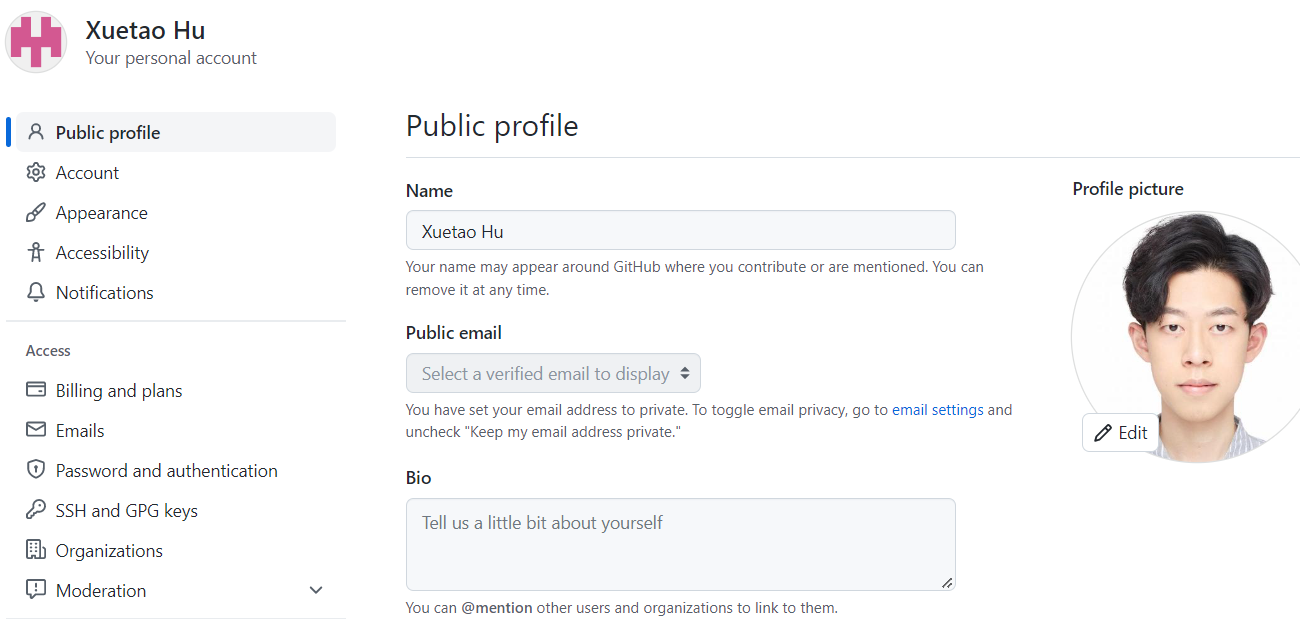
Task 4





**5 Version Control System (BitBucket/GitHub)**

Task 5:



**6 Integrated Development Environment (PyCharm)**