

NumPy 2D arrays problems

Important note: you must follow the [course honor policy](#). Part of the policy is that you can't show others your code, and can't look at others' code.

Purpose: The purpose of this assignment is to help you develop skill in working with NumPy arrays.

Instructions. Download [numpy-matrices.py](#). Read the instructions at the top of the file carefully, as your code is graded automatically.

Read sections of Chapter 2 of the Python Data Science Handbook as needed. Also, at least skim the [NumPy for beginners](#) document.

Testing. To test your code, download [numpy-matrices-testing.py](#) and [translate_to_functions.py](#) and put them in the same folder with your numpy-matrices.py file. Then run the command 'python numpy-matrices-testing.py'.

- On a Mac: run this command in a terminal
- On a Windows machine: run this command in the Anaconda prompt

In either case, the current directory of the terminal must be the one where you have numpy-matrices.py.

If the tests all pass, you will see output like this:

.....

Ran 6 tests in 0.002s

OK

The tests only check your answers to selected problems, and even then the tests are only partial..

Submission. Submit your edited numpy-matrices.py on Canvas.

Grading. The assignment is worth 50 points.