3. Testing your installation

Testing your installation

Download project0.tar.gz and untar it in to a working directory. To deal with tar.gz files on windows, you can use 7-zip.

The `project0` folder contains two pyhon files.

- **main.py** contains the various functions you will to complete in the next sections of the project
- **test.py** is a script which runs tests
- **debug.py** contains the code for the final problem of this project

Tip: Throughout the whole online grading system, you can assume the NumPy python library is already imported as `np`.

This project will unfold both on MITx and on your local machine. You are welcome to implement functions locally and then copy+paste your code into the MITx code boxes to fully check correctness and receive your grade for individual function

implementations. Alternatively, you can also implement the functions online first and after finishing, copy+paste the solution to your local **main.py** file. Be wary of the number of attempts you have for each problem, especially if you choose the second development flow.

How to Test Locally: In your terminal, navigate to the directory where your project files reside. Execute the command `python test.py` to run all the available tests.

For this project, the `test.py` file will test that all required packages are correctly installed.

Tip: We recommend using a proper IDE for this course such as Visual Studio Code, Pycharm, etc.

Discussion

Hide Discussion

Topic: Unit 0. Course Overview, Homework 0, Project 0 (1 week):Project 0 Setup, Numpy Exercises, Tutorial on Common Packages / 3. Testing your installation

Add a Post

Show all posts by recent activity

download project0.tar.gz.	Hi, i cant download project0.tar.gz. I get error messages. Is there any other way to get this file?	2
unable to install torchvision	pip install torchvision Collecting torchvision Downloading torchvision-0.5.0-cp38-cp38-win_a...	2
run test.py and get ModuleNotFoundError: No module named 'torch'	Hi, when I try to run test.py I get the following message: Traceback (most recent call last): File ...	7
Missing torch.nn when running test.py		1
We are really going to work with command prompts through the course??	Every time I'd like to work on a project I will have to open the Terminal (Mac), run Conda, acti...	4

?	Is Spyder ok for the projects? Hi, Is Spyder ok for the projects? Regards Gaurav	13
💬	How to access Anaconda from VSCode? I am trying to access and activate the conda environment from the VSCode PowerShell but a...	3
?	Google Colab May I use Google Colab instead of local installation? It has everything you need and is ready t...	2
?	PyTorch vs. torch I just ran the tests in my command prompt and passed. However, I cannot `import PyTorch` ...	3
💬	Error I have installed all packages correctly and can even import torch, but running the test.py file I...	1
💬	Unimportant question why the two levels of zipping with the project0 folder? First it unzips into a tar directory and t...	4
💬	advice use python3 to run scripts in case python2 is also installed. python3 test.py	1

Learn About Verified Certificates