Homework 5: Instructions

When you're ready to submit your solution, go to the assignments list.

In this assignment, you will explore the concept of dimension: how it comes about through use of the Exchange Lemma, and how other concepts such as rank, independence, direct sum, and matrix invertibility can draw on it.

To complete this assignment, please carefully follow these instructions:

- Download this ZIP file
- 2. Unzip the ZIP file, and copy all its files into your matrix directory.
- 3. Verify that all the files from the ZIP file (including hw5.py and hw5.pdf and submit_hw5.py and some others) are now directly in the matrix directory.
- 4. Detailed instructions are in the file hw5.pdf .
- 5. Some of the problems/tasks are ungraded. You don't submit solutions to these.
- 6. For each graded problem/task,
 - test out your solution in the Python REPL;
 - o copy your solution into the stencil file hw5.py;
 - o submit your solution by running (from a console, *not* from the Python REPL) the command python3 submit_hw5.py to submit. You will need a one-time password to submit this assignment. It's located on this page.

You can use the submit command to submit as many problems as you like at one time.

Have fun!

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https://class.coursera.org/matrix-001/assignment/view?assignm...

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