Error Correcting Code Lab: Instructions

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

In this lab, you will be implementing and playing with the Hamming code, a error-correcting code over `GF(2)`.

This lab depends on a working implementation of `mat`.

To complete this assignment, please carefully follow these instructions:

1. [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 `error_correcting_code.py` and `error_correcting_code.pdf` and `submit_error_correcting_code.py` and some others) are now directly in the `matrix` directory.
4. Detailed instructions are in the file `error_correcting_code.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;
   - copy your solution into the stencil file `error_correcting_code.py`;
   - submit your solution by running (from a console, *not* from the Python REPL) the command `python3 submit_error_correcting_code.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!