

CSC/CYEN 130

CHALLENGE DIRECTIONS

Setup and Instructions:

This is the CSC/CYEN 130 challenge. You will be given several encrypted pdf files (named 'A.pdf', 'B.pdf', 'C.pdf', etc.) that contain descriptions of code you must write. Passwords to the pdf files will be given in the game at various points. You must start by playing the game to get the password of A.pdf.

You should already have a file name "team.txt" that you have your team name written in (this should have been done on "setup" day). Copy this file into the 'run' folder with all the other files. Do **not** edit this file after running the game. Make sure you are connected to the internet.

Put **all code** you create for the challenges into the given "challenges.py" file. Make sure to SAVE THIS FILE before attempting to move past a challenge block in the game.

Playing the game:

To play the game, run the "game.pyc" file on the command line by typing:

On Windows:

- python game.pyc

On Mac/Linux:

- python3 game.pyc

Feel free to add code to test the functions you write! Test out all functions before attempting to pass a challenge block in the game.

Further notes:

You are **free to use** any built-in Python functions for these challenges (**unless otherwise specified in the challenge**). In fact, using Python functions might make some challenges a whole lot easier. Look to the lecture notes first for help, then online if you can't find anything. You are NOT to use code you find online aside from built-in Python functions that you find. If a built-in function doesn't work, you will need to code it yourself! When in doubt, raise your hand for help.

To check the progress of all teams, go to <https://www.protohacks.net/LATech/130Challenge/> . I will have this webpage displayed on the screens in class during the challenge. This page will automatically refresh every time a team passes or fails a challenge.

Lastly, this challenge is meant for you to **have fun!** Everyone will receive a perfect score on this if you just pass the first few challenges! Any challenges completed after that will give you bonus in the class. So, there is no need to stress. Just have fun and enjoy the experience. I think you will learn a lot in the process!