

Instructions:

Submit your three Python scripts (hw4_p1.py, hw4_p2.py, and hw4_p3.py), and two data sets that you use for Problem 2 and Problem 3 on CCLE. Make sure that the data sets you choose are relatively small.

- **Problem 1:**

Use turtle to create a function named **ngon** that draws regular n-gons (as a function of n).

Name your script hw4_p1.py.

- **Problem 2:**

Use matplotlibs to create a well-labeled, interesting histogram. Choose your own data.

Name your script hw4_p2.py.

- **Problem 3:**

Visualize a small network of your own choosing in a helpful way. This means that you may use labels, directed edges, colors, etc., if they are appropriate to help interpret the data. Find a network that has some more information than just nodes and edges and visualize this (for example, directed edges, different types of node/edges, nodes belonging to different groups, etc...)

Name your script hw4_p3.py.