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1. I spent well over 6 hours working on my program this week because I didn’t have the time to complete 3 hours last week.

2a pop\_psi, get\_data, get\_x, get\_y, get\_temp, graph

2b test\_writer

2c I read all the information they had on matplotlib.org after finding out that I did not need pandas to do what I wanted. I researched how to test functions without parameters, but I could not find anything that would work for me. I also had to look up the formula to convert Celsius into Fahrenheit. I read on pandas.pydata.org, about how to use graphs but went with matplotlib instead. As well has watched and skimmed through countless videos. I went back and forth from using a csv reader and writer to a plain text file. I wrote the first get\_data function about 8 times before I was happy with what it did. I had issues with turning the strings in to float integers, so I had to place float function throughout the program.

2d I finished plotting all of the correct data form the csv file as well as writing a function that populates the csv file with random numbers just to test the graphing part.