Q3 MATLAB and Simulink Basics

Prove your skill set in using tools for analytical calculations.

Q3.8 Plot fitting

I can use regression in MATLAB to help define my function.

I first created multiple points to plot on a graph that had an x value of 1 through 6 and six y values that ranged from 1 to 110 shown by the first two lines circled in red below. I created an o shaped marker for each of these points. Then I created a line of best fit using the polyfit function and polyval function in order to make a linear line that tries to best model the plotted point. I plotted the linear graph and the points mentioned above on the same graph using the hold on function.