

Assignment 2 Question 1

The code starts with asking the user to input three different numbers for minimum, maximum, and the interval(delta) of x. Then, it sets the variable x with the range from the minimum value to the max with an interval delta x. It also sets a variable that creates a zeros matrix.

The next step is to plot the first graph. The first one plots a red graph with a green zeros graph. The code sets the limit of both x and y axis as well. Then, the code prints the graph. The same steps are gone through in the second graph with different limits for x and y axes. However, the second one is used to see the intersection point of the graph.

The input values used for the code were x_min: 0, x_max:1, and deltax at 0.001. Which resulted in this:

