Lagrange Interpolation Method

Numerical Computation

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Project #8

Lagrange Interpolation is newtons polynomial that does the summation between data points.

This algorithm was designed using the power point given, and the array of points given as well as the function values.

Results: The following show the results using different or more data points based on the instructions provided. The actual answer was 1.09327, and the error for c, d, f, were all the same of 0.002992, while for e, where we used the last 4 data points, our answer was farther from the actual answer, giving us an error of 0.003617.

