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ENSE 350 Lab 6 Report

Integration Using trapezoidal Rule

This algorithm works be first taking the number of segments from the user. It then calculates the result using the trapezoidal rule based on the number of segments entered. The true relative percent error is then calculated based on how close the result is to the true result. The next part of the algorithm calculates the integral of the function for segments 1 to 1000 and prints the segments and error in a excel file.