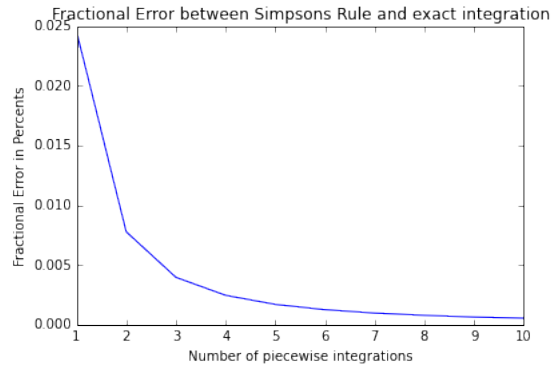


Figure 1: Fractional Error of Simpson's Rule



In the previous question, I wrote functions to compare the accuracy of the Simpson's Rule of integration and of true integration. Initially, it gave very accurate results within 0.025 percent of the true value. However, for further accuracy, I wrote a function to split Simpson's rule into a number of piecewise integrations. I then plot the results in Figure 1 .