Homework Assignment 10
Due on Friday 12/13

Programming Problems:

1. Write a Matlab code that performs composite trapezoidal rule and Simpson's rule to approximate $\int_a^b f(x)\,dx$. Your code should take f, a, b and n as input data, where n is the number of the subintervals, i.e. $h = \frac{b-a}{n}$.

Writing Problems:

Do the following exercise problems in the text book by Bradie,

Sec 6.4: 1(a), 6*, 7, 8*, 10*, 11, 12*, 13, 14*, 15, 17*

Sec 6.5: 1, 2*, 4, 7, 9*, 21*, 22*

Just turn in problems with *.