Coding Boot Camp

1. Intro to Git
   1. how to clone a repository
   2. how to commit changes to the repository
   3. how to find older versions
2. Evaluating and printing function values over a given range of arguments using for loops
   1. from 0 to 4
   2. from 0 to L when L = 10
   3. from 0 to L when L = 10
   4. from x = 0 to L and y = 0 to L when L = 10
3. Evaluating and printing derivatives of a function over a range of arguments
   1. Analytic derivative of
   2. Numerical derivative of [ Recall limit definition of derivative,

1. Evaluating a definite integral of a function

Recall limit definition of a definite integral:

1. Multiplying matrices: where

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Recall summation definition of a matrix product for a *mxm* matrix: