

Matthew Olsen
February 14, 2016
CSE: 122 Lab 1

0.0.1 Problem 1

Equation:

$$1^2 + 2^2 + \dots + n^2 = \frac{n(n+1)(2n+1)}{6}, \text{ where } n \geq 1$$

Base Case: if $n = 1$, then

$$1^2 = \frac{1(1+1)(2+1)}{6} = 1$$