Andrew Plum
Prof. Beeston
CS 345
9/20/2023

Assignment # 1

1) $\sum_{i=0}^{n-1} \sum_{i=0}^{n-1} 1 = \sum_{i=0}^{n-1} (n-1) - 0 + 1 = \sum_{i=0}^{n-1} n = [(n-1) - 0 + 1] n \approx \boxed{\Theta(n^2)}$