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Homework 5 Chapter 17 Explanation

After testing out the factorial code a few times, I came up with the general results of the iteration method to be faster in speed than the recursive method. Although the performance for the iteration method is better, however, it is a larger block of code which is more tedious to write and more prone to several errors. The recursive method on the other hand is a lot shorter, making it less complicated and easier to fix if errors occur. Although this method is smaller, I would have to go with the iteration method, as it is faster in performance. I would just have to write a little more to get a bit more “bang for my buck” for the program. If were to be lazy, however, I would definitely have to go with the recursive method.