**Day 9: Recursion3**

**Task**  
Write a *factorial* function that takes a positive integer, N as a parameter and prints the result of N! (N factorial).

**Note:** If you fail to use recursion or fail to name your recursive function *factorial* or *Factorial*, you will get a score of 0.

**Input Format**

A single integer, N (the argument to pass to *factorial*).

**Constraints**

* 2 < N < 12
* Your submission must contain a recursive function named *factorial*.

**Output Format**

Print a single integer denoting N!.

**Sample Input**

3

**Sample Output**

6