IPFW Programming Challenge #3

In this challenge, you are to find the sum of the first 2015 factorials: 1! + 2! + 3! + ... + 2015!

Write a program that finds the sum of the first 2015 factorial values. Since this sum will be an extremely large number, the final output should be the sum of the digits of this sum.

2 points can be earned for a correct solution.

1 point can be earned if the sum of at least 15 factorials can be found.

NOTE: The final sum has over 5000 digits!

Submit your solution via email to parkermc@ipfw.edu with the subject “IPFW Challenge 3”.

Remember, the tiebreaker for the year-long competition is earlier date of submission. So, submit ASAP!