Factorial

Your task is to write a short program that takes in input a number positive N (with N <= 10) and gives in output the N factorial.
If the number is wrong, the output is ERROR

TIPS.
A factorial of a number N is the product of all the numbers between 1 and N.

$$N! \ = \ 1 \cdot 2 \cdot 3 \cdot ... \cdot (N - 1) \cdot N$$

REMEMBER 0! = 1

Input
The first line contains a number N.

Output
The output contains the factorial of N.

Sample input   **Sample output**

Sample input	Sample output
10	3628800
13	ERROR
-13	ERROR