

© Objectif

You are required to write a program that calculates the half-factorial of a given positive integer, considering only odd numbers.

The half-factorial of a number n , denoted as $n!!$, is the product of positive odd numbers up to n .

For example, for $n = 5$, the half-factorial is $5!! = 5 * 3 * 1 = 15$.

Entrée

Integer n

Sortie

The Odd Factorial $n!!$

Contraintes

$1 < n \leq 20$