import java.io.\*;

import java.util.\*;

import java.text.\*;

import java.math.\*;

import java.util.regex.\*;

public class Solution {

public static void main(String[] args) {

Scanner sr = new Scanner(System.in);

int num = sr.nextInt();

int fact = 1;

int i = 1;

do {

fact \*= i;

i++;

} while (i <= num);

System.out.println(fact);

}

}