

13-th Bulgarian National Olympiad in Informatics

May 3 and 4, 1997

Problem 6. Ordering.

Given N objects ($2 \leq N \leq 11$), any two of them can be tied by one of the relations "=" or ">". How many different arrangements are possible? For example, if $N = 2$ then there exist 3 different arrangements: $A=B$, $A>B$, $B>A$.

Input data: File INPUT6 . TXT containing one integer N .

Output: File OUTPUT6 . TXT must contain one integer for the number of possible arrangements.

An Example:

INPUT6 . TXT	OUTPUT6 . TXT
3	13

Source: Matematika i informatika, journal published by Bulgarian Ministry of Education, n. 3-4, 1997, pp. 82-87.

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