**Sum or Product**

**Send Feedback**

Write a program that asks the user for a number N and a choice C. And then give them the possibility to choose between computing the sum and computing the product of all integers in the range 1 to N (both inclusive).

If C is equal to -

1, then print the sum

2, then print the product

Any other number, then print '-1' (without the quotes)

**Input format :**

Line 1 : Integer N

Line 2 : Choice C

**Output Format :**

Sum or product according to user's choice

**Constraints :**

1 <= N <= 12

**Sample Input 1 :**

10

1

**Sample Output 1 :**

55

**Sample Input 2 :**

10

2

**Sample Output 2 :**

3628800

**Sample Input 3 :**

10

4

**Sample Output 3 :**

-1