



Sequence

Java May'19 DSA Final - 1 day 02:58:25

Knowing the following sequence:

- $E1 = K;$
- $E2 = E1 + 1;$
- $E3 = 2 * E1 + 1;$
- $E4 = E1 + 2;$
- $E5 = E2 + 1;$
- $E6 = 2 * E2 + 1;$
- $E7 = E2 + 2;$

Find the N^{th} member of the sequence by given K and N and print it.

Input

- Read from the standard input
- On the first line find the numbers K and N , separated by a whitespace

Output

- Print to the standard output
- On the single line print the N^{th} member of the sequence

Sample tests

Input	Output	Explanation
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2 4	4	2, 3, 5, 4
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✓ **Points:** 100
(partial)
⌚ **Time limit:** 0.1s
C#: 0.1s
Java: 0.5s
📄 **Memory limit:**
16M
C#: 32M
Java: 32M
✍ **Author:**
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🏷 **Tags**
Linear Data
Structures
⬆ **Difficulty**
Intermediate

▼ **Allowed languages**
java

? Clarifications



PROBLEMS

SUBMISSIONS

USERS

CONTESTS

ABOUT

HELLO, **YAVORYANKOV83**.

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