

Time

2019/12/17 21:00:00 20days, 14:30:43 2020/01/07 18:00:00

Clarification

#	Problem	Asker	Description	Reply	Replier	Reply Time	For all team

Overview

Problem ▾

11773 - Integer pointer array

Status (/status/?pid=11773) | Limits

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Description

Given an integer pointer array `**ptr` with size `N`, and an integer array `*array` with size `(N+1)*N/2`. Please use `malloc` function to allocate memory to `**ptr` and `*array`. The `*array` is an ascending sequence of numbers. Each pointer in array `**ptr` shall point to one element of `*array`. And the elements pointed by the `**ptr` are also ascending.

For example, when `n = 5`, the size of `**ptr` will be 5, and the size of `*array` will be 15. The first pointer of `**ptr` is `*ptr[0]` which points to `array[0]`, and the second pointer of `**ptr` is `*ptr[1]` which points to `array[1]`, and the third pointer of `**ptr` is `*ptr[2]` which points to `array[3]`, and the fourth pointer of `**ptr` is `*ptr[3]` which points to `array[6]`.

Input

The first line is size of `**ptr`

The second line is offset

offset < size <10000

Output

Print each pointer of `**ptr + offset`

Note that you need to print a newline character ‘`\n`’ after each number, that is, just one number will be shown in each line of the output.

Sample Input

Download (data:text/plain;charset=utf-8,5%0A3%0A)

5  
3

Sample Output

Download (data:text/plain;charset=utf-8,3%0A4%0A6%0A9%0A13%0A)

3  
4  
6  
9  
13

Partial Judge Code

11773.c (/problem/partial/11773.c/)

Partial Judge Header

11773.h (/problem/partial/11773.h/)

Discuss

