

Jojo and Arithmetic Progression

Jojo is learning about arithmetic progression, where the series will add the numbers from N until M numbers afterwards. But, before Jojo added the numbers. He wants to see the list. Help Jojo make a progression of numbers!

Note: you have to print exactly one newline character ('\n') at the end of your answer, otherwise your answer will be judged wrong.

Format Input

The input consists a line containing two numbers N and M separated by a space.

Format Output

Output M + 1 lines each containing a number, the number in Jojo's counting.

Constraints

- $1 \le N \le 100$
- $1 \le M \le 10$

Sample Input 1 (standard input)

1 5

Sample Output 1 (standard output)



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Sample Input 2 (standard input)

6 5

Sample Output 2 (standard output)

Sample Input 3 (standard input)

10 10

Sample Output 3 (standard output)

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Jojo sedang belajar mengenai deret aritmatika dimana deret itu akan menjumlahkan angka dari N sampai M angka didepan N. Tapi, sebelum Jojo menjumlahkan angka-angka tersebut. Ia ingin melihat dulu angka tersebut. Bantulah Jojo untuk membuat deret angka tersebut!

Catatan: Anda harus mencetak tepat satu karakter newline ('\n') di akhir jawaban, atau jawaban Anda akan dianggap salah.

Format Input

Input terdiri dari 1 baris yang mengandung dua angka N dan M yang dipisahkan oleh spasi.

Format Output

Keluarkan M+1 baris yang masing-masing berisi sebuah angka, yaitu angka yang ada di dalam daftar.

Constraints

- $1 \le N \le 100$
- $1 \le M \le 10$

Sample Input 1 (standard input)

1 5

Sample Output 1 (standard output)

1	
2	
3	
4	
5	
6	

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Sample Input 2 (standard input)

6 5

Sample Output 2 (standard output)

Sample Input 3 (standard input)

10 10

Sample Output 3 (standard output)

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