

Guess The Number

Bibi and Jojo like to play "Guess the Number" games, the range of the numbers are N until M numbers afterwards. Lili who listens to their guesses also thinks of any numbers that might be mentioned. Help Lili make a list of numbers from the smallest!

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 Lili's list.

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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Bibi dan Jojo suka melakukan tebak tebakan angka dengan batasan N hingga M angka setelahnya. Lili yang mendengarkan tebak tebakan mereka pun memikirkan angka apa saja yang mungkin disebutkan. Bantulah Lili untuk membuat daftar angka tersebut terurut dari yang terkecil!

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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