Late Night Counting

Lili was currently having a trouble with sleeping. She have been doing the "counting sheeps" method for 1 week long and got bored with it. Just in the right time, Lili got an idea to count a random number. She said this method would make her brain tired and make her easier to sleep. What she did is to get two number N and M, then she count M numbers starting from N. Now, you are having an insomnia, so you want to try this method.

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 lines each containing a number, the number in your counting.

Constraints

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

Sample Input 1 (standard input)

```
1 5
```

Sample Output 1 (standard output)

```
1
2
3
4
5
```

Sample Input 2 (standard input)

```
6 5
```

Sample Output 2 (standard output)

```
6
7
8
9
10
```

Sample Input 3 (standard input)

```
10 10
```

Sample Output 3 (standard output)

```
10
11
12
13
14
15
16
17
18
19
```

Late Night Counting

Lili mengalami masalah tidur. Dia mencoba melakukan metode "counting sheeps" selama 1 minggu berturut-turut dan merasa bosan. Pada saat itu, Lili mendapatkan ide untuk menghitung angka secara acak. Dia berkata bahwa metode ini akan membuat otaknya lelah dan membantu dirinya untuk tidur lebih cepat. Lili mengambil dua buah angka N dan M secara acak, kemudian menghitung M buah angka mulai dari N. Sekarang, kamu terkena insomnia dan ingin mencoba metode Lili.

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 baris yang masing-masing berisi sebuah angka, yaitu angka yang ada di dalam hitungan.

Constraints

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Sample Output 1 (standard output)

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