Problem F. One Clue

Time limit 2000 ms

Mem limit   1048576 kB

Problem Statement

There are 2000001 stones placed on a number line. The coordinates of these stones are $-1000000, -999999, -999998, \ldots, 999999, 1000000$.

Among them, some K consecutive stones are painted black, and the others are painted white.

Additionally, we know that the stone at coordinate X is painted black.

Print all coordinates that potentially contain a stone painted black, in ascending order.

Constraints

- $1 \le K \le 100$
- $0 \le X \le 100$
- All values in input are integers.

Input

Input is given from Standard Input in the following format:

```
K  X
```

Output

Print all coordinates that potentially contain a stone painted black, in ascending order, with spaces in between.

Sample 1

Input	Output
3 7	5 6 7 8 9

We know that there are three stones painted black, and the stone at coordinate 7 is painted black. There are three possible cases:

- The three stones painted black are placed at coordinates 5, 6, and 7.
- The three stones painted black are placed at coordinates 6, 7, and 8.
- The three stones painted black are placed at coordinates 7, 8, and 9.

Thus, five coordinates potentially contain a stone painted black: 5, 6, 7, 8, and 9.

Sample 2

Input	Output
4 0	-3 -2 -1 0 1 2 3

Negative coordinates can also contain a stone painted black.

Sample 3

Input	Output
1 100	100