SMPSEQ6 - Fun with Sequences (Act 4)

#simple-math (/problems/tag/simple-math) #basics (/problems/tag/basics)

You are given S - a sequence of n integers $S = s_1, s_2, ..., s_n$, Q - a sequence of n integers $Q = q_1, q_2, ..., q_n$ and a nonnegative parameter x. Please, print in the ascending order all such i, that $s_i = q_{i+y}$, where
$-x<=y<=x$.

Input data specification

In the first line you are given two integers $2<=n<=100$, $0<=x<n$ and in the following two lines n integers in each of the line:
$-100 <= s_i, q_i <= 100$

Output data specification

The sequence of requested integers separated by spaces.

Example 1

Input:
```
5 2
-1 2 -1 1 -1
3 -2 -1 1 2
```

Output:
```
1 3 4 5
```

Example 2

Input:
```
6 4
-1 2 2 2 2 -2
3 -2 3 3 3 -1
```

Output:
```
6
```

Example 3

Input:
```
6 0
-1 2 10 12 6 -2
2 -2 10 21 6 -1
```

Output:
```
3 5
```

Submit solution! (/submit/SMPSEQ6/)

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adamos_2134 (/users/adamos_2134): 2019-08-29 12:34:10
how i can understand the notation -x <= y <= x

Last edit: 2019-08-29 12:34:38

krish_47 (/users/krish_47): 2018-11-29 09:38:59
Nice problem, AC in one go...

guilheramos (/users/guilheramos): 2017-12-19 20:35:25
This is a really nice problem

kass_97 (/users/kass_97): 2017-01-13 11:31:08
AC at once, easy.....just put your brain to work a bit :p

Submit solution! (/submit/SMPSEQ6/)

Added by:	kuszi (/users/kuszi)
Date:	2013-11-15
Time limit:	1s
Source limit:	50000B
Memory limit:	1536MB
Cluster:	Cube (Intel G860) (/clusters/)
Languages:	All except: ASM64