Rat Race

Problem Statement

Bidhan wants to bet on a rat race. N rats will participate in that race. Note that, the race is not fair and different rats might start the race at difference distances from finishing line. Also, speed of rats might also vary.

Given distance and speed of each rat, tell Bidhan which rats will win the race.

Input Format

First line of input contains N, number of rats. Next line contains N space separated integers where i_{th} integer denotes speed of i_{th} rat. Next line contains N space separated integers where i_{th} integer denotes distance of i_{th} rat from finishing line.

Output Format

Print number of each rat who will win the race in a separate line. Number of rats are determined by their order in input (1 being number of 1st rat input, 2 being number of 2nd rat and so on).

Contraints

$1 \leq N \leq 100$
$1 \leq$ Speed, Distance ≤ 100

Sample Input

```
3
2 5 1
4 10 3
```

Sample Output

```
1
2
```

Explanation

Both rats will win the race.