The Snail Game

The snails are ready to play the Snail Game where ' n ' number of snails take part in the race to climb a wall. The snail which climbs first will win the race.

You will be given the number of participants and distance for each snail can travel vertically on wall you have to find which snail will win the game.

First line will contain the number of the snails in the game. The second line will contain the n space integers representing the vertical distance they pass in one step (in meter) of each snail respectively. Next line will contain the decrement in there vertical distance after one step for each snail and the last line will give the total distance.

You have to find the winner. And take him/her home .

Input :

1. N number of snail participant
2. N spaced integers distance traveled by each snails in meter
3. N spaced integers decrement due to slippery snail in meter
4. D : Distance of the race

Ouput :

1. The number of snail on 1-indexed array

Sample Examples :

First Example :

In

    4

    10 15 20 25

    9 6 2 0

    50

Out

    4

Explanation :

    After first pass,

        First snail will travel by 10m and slip by 9m total distance = 1m

        Second snail will complete 15m and slip by 6m total distance = 9m

        Third snail will complete 20m and slip by 2m total distance = 18m

        Fourth snail will complete 25m and slip by 0m total distance = 25m

    After second pass,

        First snail will travel by 1m (previous) + 10m - 9m = 2m

Second snail will travel by 9m + 15m – 6m = 18m

Third snail will travel by 18m + 20m -2m = 36m

Fourth snail will travel by 25m + 25m – 0 m= 50 m

HENCE FOURTH SNAIL IS THE WINNER

And I am taking the snail home (@_@)

Time Duration : 2s

Memory : 256MB

SETTER : asprazz

Tester : asprazz

Editorials : wait

INTSTRUCTIONS:

1. Go to online compiler like ideone.com
2. Paste your code their or code there
3. And copy the complicated test case from input.txt
4. Test your output