Pulse

Time limit: 2.0s   **Memory limit:** 64M

You are in charge of all of a certain country's radio broadcasts. At time 0, you send outgoing radio waves to N ($1 \leq N \leq 1\,000$) receivers, and whenever a wave meets a receiver, the receiver immediately sends the wave back to you. If the waves travel at the same speed, which incoming radio waves will arrive between time S and time T ($1 \leq S \leq T \leq 10\,000$), inclusive?

Input Specification

On one line, N, S and T, separated by single spaces followed by N separate lines, each representing the time a radio wave meets a receiver. The times will be positive integers no greater than $10\,000$.

Output Specification

The number of radio waves that made it back between time S and time T.

Sample Input

```
3 2 4
1
2
4
```

Sample Output

```
2
```

Explanation

Only the first two radio waves make it back, at times of exactly 2 and 4.