

Freezing days in forecast

We got the expected minimum and maximum temperatures for the following N days.

Write a program that gives us how many days it is expected to be freezing (or temperature falls below 0).

Input

The first line of the *standard input* contains the count of days ($1 \leq N \leq 100$). The next N lines contain the expected minimum and maximum temperatures for the following days ($-20 \leq \text{Min}, \text{Max} \leq 30$).

Output

The first line of the *standard output* should contain the count of expected freezing days.

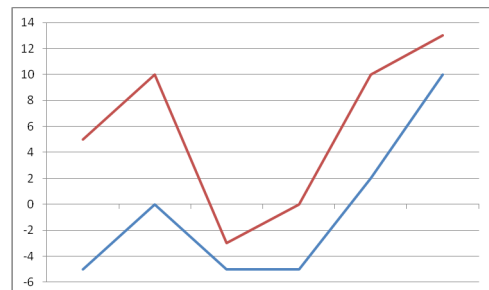
Example

Input

```
6
-5 5
0 10
-5 -3
-5 0
2 10
10 13
```

Output

3



Limits

Time limit: 0.1 second

Memory limit: 32 MB

Evaluation: In 40% of tests, the count of data is ≤ 20