

## A. George and Accommodation

time limit per test: 1 second

memory limit per test: 256 megabytes

input: standard input

output: standard output

George has recently entered the BSUCP (Berland State University for Cool Programmers). George has a friend Alex who has also entered the university. Now they are moving into a dormitory.

George and Alex want to live in the same room. The dormitory has  $n$  rooms in total. At the moment the  $i$ -th room has  $p_i$  people living in it and the room can accommodate  $q_i$  people in total ( $p_i \leq q_i$ ). Your task is to count how many rooms has free place for both George and Alex.

### Input

The first line contains a single integer  $n$  ( $1 \leq n \leq 100$ ) — the number of rooms.

The  $i$ -th of the next  $n$  lines contains two integers  $p_i$  and  $q_i$  ( $0 \leq p_i \leq q_i \leq 100$ ) — the number of people who already live in the  $i$ -th room and the room's capacity.

### Output

Print a single integer — the number of rooms where George and Alex can move in.

### Examples

input
3 1 1 2 2 3 3
output
0
input
3 1 10 0 10 10 10
output
2

### Codeforces Round #267 (Div. 2)

Finished

### → Virtual participation

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ACM-ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you - solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you - solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

Start virtual contest

### → Problem tags

implementation

No tag edit access

### → Contest materials

- Announcement