

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	Copy
3 1 1 2 2 3 3	
output	Copy
0	

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

Codeforces Round #267 (Div. 2)

Finished

Practice



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 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

Clone Contest to Mashup

You can clone this contest to a mashup.

Clone Contest

Submit?

Language:

Java 1.8.0_241

Choose file:

Choose File

 No file chosen

Be careful: there is 50 points penalty for submission which fails the pretests or resubmission (except failure on the first test, denial of judgement or similar verdicts). "Passed pretests" submission verdict doesn't guarantee that the solution is absolutely correct and it will pass system tests.

Submit

Last submissions

Submission	Time	Verdict
132648928	Oct/21/2021 22:30	Accepted
132648905	Oct/21/2021 22:30	Wrong answer on test 7

Problem tags

implementation *800

No tag edit access

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- [Announcement \(en\)](#) ☐
- [Tutorial \(ru\)](#) ☐

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