Task

You are a worker at the local Bank of HSCTF. You are interested in stealing money from the bank clients but the security measures prove frustration. Fortunately, you have developed a way to compromise a certain number (**1 ≤ n ≤ 100**) accounts, but only during short time windows. Each target will be vulnerable for a time window between **t = a** and **t = b** minutes with **b - a ≤ 20**. Unfortunately, you only have one computer and it takes **10 minutes** to hack any account. Given that you can only hack one account at a time, and that the 10 minutes must be entirely within the time window, find the maximum number of accounts you can hack.

Interaction Details:

For each trial, **n** will be printed, and the next **n** lines will contain **a** and **b** for each account. Print the maximum number of accounts you can hack

There will be **5** trials. If you submit a wrong answer, the program will terminate

The time limit is **2 minutes**.

Sample Interaction:

2
10 20
20 30
2
2
10 20
15 25
2
[program terminated]