Max length chain

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Problems

You are given N pairs of numbers. In every pair, the first number is always smaller than the second number. A pair (c, d) can follow another pair (a, b) if b < c. Chain of pairs can be formed in this fashion. Your task is to complete the function **maxChainLen** which returns an integer denoting the longest chain which can be formed from a given set of pairs.

Input:
The first line of input contains an integer T denoting the no of test cases then T test cases follow .Then T test cases follow . The first line of input contains an integer N denoting the no of pairs . In the next line are 2*N space separated values denoting N pairs.

Output:
For each test case output will be the length of the longest chain formed.

Constraints:
1<=T<=100
1<=N<=100

Example(To be used only for expected output):
Input
2
5
5 24 39 60 15 28 27 40 50 90
2
5 10 1 11

Output
3
1

Explanation
(i) the given pairs are {{5, 24}, {39, 60}, {15, 28}, {27, 40}, {50, 90} },the longest chain that can be formed is of length 3, and the chain is {{5, 24}, {27, 40}, {50, 90}}
(ii) The max length chain possible is only of length one.

Note: The **Input/Ouput** format and **Example** given are used for system's internal purpose, and should be used by a user for **Expected Output** only. As it is a function problem, hence a user should not read any input from stdin/console. The task is to complete the function specified, and not to write the full code.

** For More Input/Output Examples Use 'Expected Output' option **

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