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406. Queue Reconstruction by Height

Medium

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Suppose you have a random list of people standing in a queue. Each person is described by a pair of integers (h, k) , where h is the height of the person and k is the number of people in front of this person who have a height greater than or equal to h . Write an algorithm to reconstruct the queue.

Note:

The number of people is less than 1,100.

Example

Input:

`[[7,0], [4,4], [7,1], [5,0], [6,1], [5,2]]`


Output:

`[[5,0], [7,0], [5,2], [6,1], [4,4], [7,1]]`

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```
1 # @param {Integer[][]} p
2 # @return {Integer[][]}
3 def reconstruct_queue(p)
4
5   end
```

 Problems Pick One

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406/1473

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