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Description   Solution   Submissions   Discuss (107)

C++   Autocomplete

```cpp
class Solution {
public:
    bool isRectangleCover(vector<vector<int>>& rectangles) {

    }
};
```

Need more space? Try using full screen mode!

Got it!

391. Perfect Rectangle

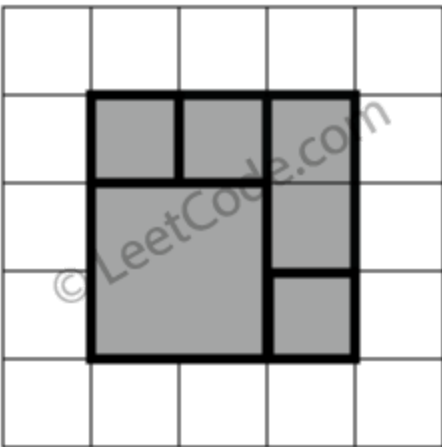Hard   👍 316   👎 65   ♡ Add to List   🔗 Share

Given N axis-aligned rectangles where N > 0, determine if they all together form an exact cover of a rectangular region.

Each rectangle is represented as a bottom-left point and a top-right point. For example, a unit square is represented as [1,1,2,2]. (coordinate of bottom-left point is (1, 1) and top-right point is (2, 2)).

Example 1:

```
rectangles = [
  [1,1,3,3],
  [3,1,4,2],
  [3,2,4,4],
  [1,3,2,4],
  [2,3,3,4]
]

Return true. All 5 rectangles together form an exact cover of a rectangular region.
```


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Example 2:

```
rectangles = [
  [1,1,2,3],
  [1,3,2,4],
  [3,1,4,2],
```

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