Solution 2

Solution 1

Our Solution(s) Run Code

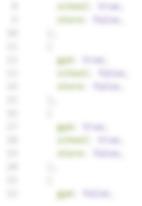
```
Your Solutions Run Code
```

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
   // O(br) time | O(br) space - where b is the number of blocks and r i
 4 function apartmentHunting(blocks, reqs) {
     const minDistancesFromBlocks = reqs.map(req => getMinDistances(bloc
     const maxDistancesAtBlocks = getMaxDistancesAtBlocks(blocks, minDis
     return getIdxAtMinValue(maxDistancesAtBlocks);
8 }
9
10 function getMinDistances(blocks, req) {
11
     const minDistances = new Array(blocks.length);
12
     let closestReqIdx = Infinity;
     for (let i = 0; i < blocks.length; i++) {</pre>
14
       if (blocks[i][req]) closestReqIdx = i;
15
       minDistances[i] = distanceBetween(i, closestReqIdx);
16
17
     for (let i = blocks.length - 1; i >= 0; i--) {
       if (blocks[i][req]) closestReqIdx = i;
18
19
       minDistances[i] = Math.min(minDistances[i], distanceBetween(i, clo
20
21
     return minDistances;
22 }
23
24 function getMaxDistancesAtBlocks(blocks, minDistancesFromBlocks) {
25
     const maxDistancesAtBlocks = new Array(blocks.length);
26
     for (let i = 0; i < blocks.length; i++) {</pre>
27
       const minDistancesAtBlock = minDistancesFromBlocks.map(distances =
28
       maxDistancesAtBlocks[i] = Math.max(...minDistancesAtBlock);
29
30
     return maxDistancesAtBlocks;
31 }
32
33 function getIdxAtMinValue(array) {
```

```
function apartmentHunting(blocks, reqs) {
   // Write your code here.
}

// Do not edit the line below.
exports.apartmentHunting = apartmentHunting;
```

 Our Tests
 Custom Output
 Submit Code



Run or submit code when you're ready.