Run Code

Our Solution(s)

Run Code

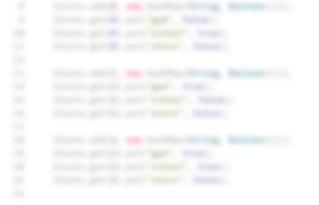
Your Solutions

Solution 1 Solution 2 Solution 3

```
import java.util.*;

class Program {
  public static int apartmentHunting(List<Map<String, Boolean>> blocks
  // Write your code here.
  return -1;
  }
}
```

```
Solution 1 Solution 2
 1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
   import java.util.*;
   class Program {
     // O(br) time | O(br) space - where b is the number of blocks and r
     // requirements
     public static int apartmentHunting(List<Map<String, Boolean>> blocks
        int[][] minDistancesFromBlocks = new int[reqs.length][];
10
        for (int i = 0; i < reqs.length; i++) {</pre>
11
          minDistancesFromBlocks[i] = getMinDistances(blocks, reqs[i]);
12
        int[] maxDistancesAtBlocks = getMaxDistancesAtBlocks(blocks, minDi
14
       return getIdxAtMinValue(maxDistancesAtBlocks);
15
16
17
     public static int[] getMinDistances(List<Map<String, Boolean>> block
18
       int[] minDistances = new int[blocks.size()];
19
        int closestReqIdx = Integer.MAX_VALUE;
20
        for (int i = 0; i < blocks.size(); i++) {</pre>
          if (blocks.get(i).get(req)) closestReqIdx = i;
21
          minDistances[i] = distanceBetween(i, closestReqIdx);
24
        for (int i = blocks.size() - 1; i >= 0; i--) {
         if (blocks.get(i).get(req)) closestReqIdx = i;
26
         minDistances[i] = Math.min(minDistances[i], distanceBetween(i, c
27
28
       return minDistances;
29
30
31
     public static int[] getMaxDistancesAtBlocks(
         List<Map<String, Boolean>> blocks, int[][] minDistancesFromBlock
33
        int[] maxDistancesAtBlocks = new int[blocks.size()];
```



Run or submit code when you're ready.