

Our Solution(s)

Run Code

Run Code

Solution 1 Solution 2

```

1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 import java.util.*;
4
5 class Program {
6     // O(b*r) time | O(b*r) space - where b is the number of blocks and r
7     // requirements
8     public static int apartmentHunting(List<Map<String, Boolean>> blocks,
9         int[][] minDistancesFromBlocks = new int[reqs.length][]];
10     for (int i = 0; i < reqs.length; i++) {
11         minDistancesFromBlocks[i] = getMinDistances(blocks, reqs[i]);
12     }
13     int[] maxDistancesAtBlocks = getMaxDistancesAtBlocks(blocks, minDi
14     return getIdxAtMinValue(maxDistancesAtBlocks);
15 }
16
17 public static int[] getMinDistances(List<Map<String, Boolean>> blocks
18     int[] minDistances = new int[blocks.size()];
19     int closestReqIdx = Integer.MAX_VALUE;
20     for (int i = 0; i < blocks.size(); i++) {
21         if (blocks.get(i).get(req)) closestReqIdx = i;
22         minDistances[i] = distanceBetween(i, closestReqIdx);
23     }
24     for (int i = blocks.size() - 1; i >= 0; i--) {
25         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(
32     List<Map<String, Boolean>> blocks, int[][] minDistancesFromBlock
33     int[] maxDistancesAtBlocks = new int[blocks.size()];

```

Your Solutions

Run Code

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Solution 1	Solution 2	Solution 3
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```
1 import java.util.*;
2
3 class Program {
4     public static int apartmentHunting(List<Map<String, Boolean>> blocks) {
5         // Write your code here.
6         return -1;
7     }
8 }
9
```

Our Tests

Custom Output

Submit Code

Submit Code

```
1  # Create a list of names: names
2  names = ["Sam", "John", "Mia", "Alex", "David", "Emily", "Chris", "Taylor", "Jordan", "Morgan"]
3
4  # Create a list of ages: ages
5  ages = [25, 30, 22, 28, 35, 20, 27, 24, 21, 26]
6
7  # Create a dictionary: person
8  person = {}
9
10 # Loop through the lists and create a dictionary
11 for i in range(len(names)):
12     person[names[i]] = ages[i]
13
14 # Print the dictionary
15 print(person)
```

Run or submit code when you're ready.