

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

Solution 2

```
1 # Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 # O(b^2*r) time | O(b) space - where b is the number of blocks and r is the number of requests
4 def apartmentHunting(blocks, reqs):
5     maxDistancesAtBlocks = [float("-inf") for block in blocks]
6     for i in range(len(blocks)):
7         for req in reqs:
8             closestReqDistance = float("inf")
9             for j in range(len(blocks)):
10                 if blocks[j][req]:
11                     closestReqDistance = min(closestReqDistance, distanceBetween(i, j))
12                 maxDistancesAtBlocks[i] = max(maxDistancesAtBlocks[i], closestReqDistance)
13     return getIdxAtMinValue(maxDistancesAtBlocks)
14
15
16 def getIdxAtMinValue(array):
17     idxAtMinValue = 0
18     minValue = float("inf")
19     for i in range(len(array)):
20         currentValue = array[i]
21         if currentValue < minValue:
22             minValue = currentValue
23             idxAtMinValue = i
24     return idxAtMinValue
25
26
27 def distanceBetween(a, b):
28     return abs(a - b)
29
```

Solution 1

Solution 2

Solution 3

```
1 def apartmentHunting(blocks, reqs):
2     # Write your code here.
3     pass
4
```



Run or submit code when you're ready.