Our Solution(s) Run Code

Solution 1 Solution 2

```
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// O(br) time | O(br) space - where b is the number of blocks and r i
function apartmentHunting(blocks, reqs) {
  const minDistancesFromBlocks = reqs.map(req => getMinDistances(bloc
  const maxDistancesAtBlocks = getMaxDistancesAtBlocks(blocks, minDis
  return getIdxAtMinValue(maxDistancesAtBlocks);
}

function getMinDistances(blocks, req) {
  const minDistances = new Array(blocks.length);
  let closestReqIdx = Infinity;
  for (let i = 0; i < blocks.length; i++) {
    if (blocks[i][req]) closestReqIdx = i;
    minDistances[i] = distanceBetween(i, closestReqIdx);
  }
  for (let i = blocks.length - 1; i >= 0; i--) {
    if (blocks[i][req]) closestReqIdx = i;
    minDistances[i] = Math.min(minDistances[i], distanceBetween(i, clo
  }
  return minDistances;
}

function getMaxDistancesAtBlocks(blocks, minDistancesFromBlocks) {
  const maxDistancesAtBlocks = new Array(blocks.length);
  for (let i = 0; i < blocks.length; i++) {
    const minDistancesAtBlock = minDistancesFromBlocks.map(distances =
    maxDistancesAtBlocks[i] = Math.max(...minDistancesAtBlock);
  }
  return maxDistancesAtBlocks;
}

function getIdxAtMinValue(array) {
```

Your Solutions Run Code

Solution 1 Solution 2 Solution 3

```
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.