apartmentHunting(blocks, reqs):

set maxDistancesAtBlocks to [float("-inf") for block in blocks]

for i in range(len(blocks)):

for req in reqs:

set closestReqDistance to float("inf")

for j in range(len(blocks)):

if blocks[j][req]:

set closestReqDistance to min(closestReqDistance, distanceBetween(i, j))

set maxDistancesAtBlocks[i] to max(maxDistancesAtBlocks[i], closestReqDistance)

return getIdxAtMinValue(maxDistancesAtBlocks)

getIdxAtMinValue(array):

set idxAtMinValue to 0

set minValue to float("inf")

for i in range(len(array)):

set currentValue to array[i]

if currentValue < minValue:

set minValue to currentValue

set idxAtMinValue to i

return idxAtMinValue

distanceBetween(a, b):

return abs(a - b)