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import random
from itertools import combinations
from collections import deque
def moveGen(i , lst , visited):
    neighbours = []
    possible_combo = combinations([0,1,2,3,4] , i)
    for combo in possible_combo:
        temp = lst.copy()
        if len(combo) == 1:
            temp[combo[0]] = 1 if not(temp[combo[0]]) else 0
            neighbours.append(temp)
        else :
            for j in combo:
                temp[j] = 1 if not(temp[j]) else 0
            neighbours.append(temp)
    return neighbours

def removeSeen(neighbours , visited):
    for neighbour in neighbours:
        if neighbour in visited:
            neighbours.remove(neighbour)
    return neighbours

def heuristics(values):
    scores = []
    for value in values:
        score = 0

        A = value[0]
        B = value[1]
        C = value[2]
        D = value[3]
        E = value[4]

        expr1 = A or not(B)
        expr2 = B or not(C)
        expr3 = not(B)
        expr4 = C or not(E)
        expr5 = A or C
        expr6 = not(C) or not(D)

        if expr1:
            score += 1
        if expr2:
            score += 1
        if expr3:
```