AI- lab test

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C-section

```
def clean(floor):
    # get row and col
    C = len(floor[0])
    R = len(floor)
    n = C*R
    K = 0, row=0, col = 0
    While K < n: update_vc(col, row)
    print_vc(floor, row, col)

    if floor[row][col] == 1:    # dirty spot
        floor[row][col] == 0
        print("{0}, {1} is cleaned".format(row, col))
    else:
        print("{0}, {1} was already clean".format(row, col))
    if row% 2 == 0:
        If col < C+1:
            Col= Col+1
        else:
            row = row+1
    elif row % 2 == 1:
        if 0 < col:
            col = col-1

    else row = row+1
```

```
K = K+1
def print_vc(floor, col, row):
    for i in range(len(floor)):
        print("\n")
        for j in range(len(floor[i])):
            if i == row and j == col:
                print("*", end = " ")
            else:
                print(floor[i][j], end = " ")
def update_rc(col, row):
    while col != 0:
        col = col-1
    while row != 1:
        if row > 1:
            row = row-1
        else
            row = row+1
```