AI - LAB TERM 1

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```
[[1, 1, 0, 0],
 [0, 0, 0, 0],
 [1, 1, 1, 1],
 [1, 1, 1, 1]]
```

'1' represents dirty

'0' represents clean

```
def clean(floor, row, col):

    m = ~~len(floor[0])~~ 4

    n = ~~len(floor)~~ 4

    no_tiles = m * n

    tiles_checked = 0

    ~~row = 0~~

    ~~while tiles_checked <~~

    # Go to start of row and go to
    # the second row
    while col != 0:
        col -= 1

    while
    row != 1:
      if row > 1:
        row -= 1
      else:
        row += 1

    ~~while row != 2~~

    # Now start cleaning :

    while tiles_checked <= 12:

        if floor[row][col] == 1:
            print("Clean")
            floor[row][col] = 0

        ~~# check if row is~~

        if row % 2 == 0:
            if col < m - 1:
                col += 1
            else
                row += 1

        else : ~~no~~
            if col > 0:
                col -= 1
            else
                row += 1

        tile_checked += 1

def print_floor(floor, row, col):
    temp = floor[row][col]
    floor[row][col] = 'VC'
    for x in floor:
        print(x)
    floor[row][col] = temp
```


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