AI lab Vacum Cleaner Vaishav. S 1BM18

Your goal is to clean a 4x4 square, where Vacum Cleaner is positioned randomly. Provide a logic to ensure that. atmost 3 full rows are clean. Display relevent messages.

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

'R' step

```
def clean(floor, row, col);
    m = len(floor)
    n = len[floor(0)]
    no_tiles = m x n

    tile_check = 0.
    while col != 0.
    col = col - 1;

while check_count ≤ 12:
    if floor [row] [col] == 1:
        floor (row)[col] = 0
        Print(" clean ").
```

Vaishav. S

if w % 2 == 0;
if col < m+1;
col = col+1;

if or
if w/ 50:

w1 = w1 - 1
else

row = row+1

fit - check = fit - check + 1

def print_floor (flor, row, colr)

then for [row] [colum].
floor [row][wch = "vc "1"
for x in floor:
print [x]
floor [row][col] = temp.

Varshan . S