

9/11/2020

Vacuum cleaner:

def clean (floor, row, col):

m = len(floor)

n = len(floor[0])

no. tiles = m * n

tile check = 0

while col != 0:

col = col - 1;

while row != 1;

if row > 1:

row = row - 1

else row = row + 1

while tile - checked ≤ 12:

if floor[row][col] == 1:

floor[row][col] = 0

print("clean")

if (col - 1) >= 0:

if col < m:

col = col + 1;

else:

if $w/20$:

$w = w/2$

else:

$row = row + 1$

$file_check = file_check + 1$

def print-floor (floor, row, col)

$tmp = floor[row][col]$

$floor[row][col] = 'VC'$

for x in floor:

print(x)

$floor[row][col] = tmp$

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