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Vaccum Cleaner Agent

**Problem statement:**

Given M x N grid(floor) create an agent that moves around the grid until the entire grid is clean Move the agent anyway you see fit until the floor is clean Agent can start at any tile on the floor

**Algorithm:**

We traverse through the grid and check if the current position is 1 that is dirty or not. If it is , we clean the floor that is make it 0 and move to next position. If current position is 0 that is clean , no action is required and simply move to next position.

**Psuedocode:**

for i in range(len(floor)):

for j in range(len(floor[i])):

if dirty ( the position is 1)

clean the position by making it 0 and move to next position

else: (the position is 0 )

move to next position in the grid