* Vaccum cleaner

Function vaccom-world()!

Notalize goal state as ("A":10', 'B":10')

Intialize goal as O

het location input from wer het status input for location-input from user bet offe-location based on location-input het status input-complement for othe location-from use

PRINT initial state of goal state

Prior cleaned status and current cost

for each location in [location-input, other location?"

If location is Disty!

print that he location is Disty

Call clean (location)

If moving to the other torritor:

Increment cost by I for movement

print movement cost

print performance measurement (cost)

(all vaccum, world()

18/10/24 Bafna Gold -* 2 puzzle game -> BFS Algorithm LOOP if tringe is empty voturo fulure Node + remove - first (finge) if Node is a goal then return de path from inhal State to proal State else generate all surreccos of Nodo And add generally node to the back of finge End Loop DP3 Algorithm fringe is empty return furlive Pode < remove - first (fringe)

1 Noch is a goal Then refure the path from animal state else penerate all successor of voile And add generaled nale to the mont of fring And Loop

