Vacrumos cleanes Agent 3+0+2. 10+03 Step 15 Consider the two location A & B Step 2: Start the vaccom cleaner agent Step 3: check the Status (crean by digit in the location A necond the step 4: Ask the user to * to clean the Hoom * to stay on the your * to move to next location step 5: If the user select 1, clear the location a, then stay in the your 3, of move to next location. Step 6: For the location B, Start I Hom on Repeat I Hom Step 3. Stop the vaccom cleaner agent (ost Calculation: Output: Enter state of B (0 for clean, 1 for dirty):
Enter state of B (0 for clean, 1 for dirty):
Enter lo costion (A or B): A Meaned A Moving va coum night cleaned (05+ = Q (A':0, 'B':05

Enter State of B(0 for clean; 1 for dinty): 1
Enter State of B(0 for clean, 1 for dinty): 0
Enter pocation (A or B): A overng varum night txon of grom of x 09-000/ 1x 90 01- layon 190 FOR the location B. Stort thom on Repeat thom ste FILE STOP THE VOICEM CLEODER COOKEN COOKEN 3/0/0 Ytre: bush 1881 apst 1810) a 40 340+ the note must

OUTPUT

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Enter state of A (0 for clean, 1 for dirty): 1
Enter state of B (0 for clean, 1 for dirty): 1
Enter location (A or B): A
Cleaned A.
Moving vacuum right
Cleaned B.
Cost: 2
{'A': 0, 'B': 0}
Enter state of A (0 for clean, 1 for dirty): 0
Enter state of B (0 for clean, 1 for dirty): 0
Enter location (A or B): B
Turning vacuum off
Cost: 0
{'A': 0, 'B': 0}
Enter state of A (0 for clean, 1 for dirty): 1
Enter state of B (0 for clean, 1 for dirty): 0
Enter location (A or B): A
Cleaned A.
Moving vacuum right
B is clean
Cost: 1
{'A': 0, 'B': 0}
Enter state of A (0 for clean, 1 for dirty): 0
Enter state of B (0 for clean, 1 for dirty): 1
Enter location (A or B): B
Cleaned B.
Moving vacuum left
A is clean
Cost: 1
{'A': 0, 'B': 0}
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