DATE: 1/10/24 Lab-2 CORC Algorithms on a rough " bright his order 3CC-8 Elementes ante 1970, or xe pust 1" > 1/29 of 1 for = 100 D'Take a class Vacuum cleaner Agent 23 Defre a pincheon Post with self parameter now select a location room A and loom & assign a room Arand B aré duity "21 Depère a percheon move right and move left. set a location mous right to doon B and moue-left to room A. o define a parchéon such que dons are clear Vacuum cleaner will suck 65 Define a sense and pincken sense & act. Po the while we will prent a in which vacuum is cleaning and what is the room state and which room va 75 Now , check the condition of 1) many If self-woomstrey-location]==Disty pullet ("Acteon "Suck"); Many elep self. location == 1 Al min tol 1 putat ("Action: Mouse Right"). elly self location = = 181 . horris prent 13 Acteors Mone lefter). 8) Defere a purcheon un. and take a range to and pilet a steps and 92 well show that the Loom is cleared @ 9+ Es desty Galaxy M33 5G

Rooms A. Belling work with the q PAGE: [A. Clean] [A, deaty]" My suche [B, Clean) [B. disty] [A, clean]. [Ar clean] dext [A. Clean J. [A. denty] Juck EB, clean, EB, clean sight (B) clean To Bo derety) such [D. clean], [Bickean] - 1. A. exet. Otropassonaloraninones loso munou Vacuum Cleaner Agentantin mount class Vacuum cleaner Agent: dej -Part-(self): self.location = 'A' self-200005= SIA! = 1DPety", "B!: 1DPety" & det move-regutesells Prosecti elocation-18" NZ sertale most det moue-left (self): self-location=1A1. def said (self) a mos of / munon self. 100ms Eselfolgeateons= cleap def sense and actively ? adad mo? pirtly "valuum er en soom & sey-location Room state: [self . 100ms (self . locabon] if self. Noons Eself. loca Rood == 1 DP wty 1: punt ("Action: Suck") religion of settle self surle contracts and elej self.location == 'A': Galaxy M33 5G

DATE: PAGE: pulat ("Actron: moue Regut") set self-mour signt(). ettelig self location == 'B': print ("Ackons More left") self. moue left (). des rundself, step8=5)? you step for range (steps)? prent (f"Step 2step+13:") selfo sense and-act() prent (1 "Room states: Eself. Looms) punt ("-" x 20). vacuum_agent = vacuumcleaner+sgent () Vacuum-agent. runcs. and mouse * AND PAROLOGICAL PROPERTY OF support a (1102) _ 12/3 - 15/3 Stepla vacuum & in Room A. Room State: Druty Achonisuele Missaid inf. mora 1915 Room states: 541 : clean Ble DRity 3 50/1922 401 much 306 16/-109/10 millod Stepas vacuum es in Room A, Room state : clean Action: Move Plant 1 12 1 Room states: ElA's iclean 1 B': DRity 9 Disk of mone of it musicions " / Italing Step 8 2101. Alix 23 & days more vacuum & Po Rooms, Room states Drity Actions such as and in the Room states : { A! ? 'clean', 131: 'clean' y. Galaxy M33 5G

Mode down to room D.

Room states: 21a's 'clean', 'Clean', 'clean', 'clean'y

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