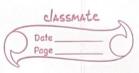
7/11/22	Ain: To implement Vaccum clience agent progra		
	Town . To impared to	Six mark	
	Algerithm:	Acoustic Strate	
	1 6- 100 No. a		
	ij localier A = dir ty		
791	cost 1 = 1	if locations= "der,	
	ChanA	cost +=1	
	if ifalocertion B is dirty	move to a	
	mare to B	clien 13	
	cost t = 1 % Ward		
	clian B	else	
	cox+=1		
	els:	A Sugar Sol	
	no oution and	5.11) 1 = man	
		Kinsh - 2 st	
	y location B = dirty.	is location is is clean	
	(cox 1 = 1) (occ. v) (
	Clean B	more to A	
	if location A is dirty		
	(mare move to A.	clean A	
	(()- = = cox+ = 1 = 1) ()	CON-1=1	
	clean A	elre	
	0(9xt 1 = 1.	No action	
	print (pash corr).		
	print (goal suts).		



	code: at the world Mind
	THE STATE OF THE S
	dy raceim-world():
	The state of the s
land.	goel_sut = {'A': 0', 'B': 0'}
	MONE O REMANDE MANDE MANDE
	location_ input = input ("Entu the location of the
	vacciem: ")
	stutus input = input ("Intu the stutus ey"+
B 14	localin input + "")
	skilus_input_complement = input (" Intu skilus of
	other nam")
	most cont to such " a show
1	one Chalin & tar hu a
	if localin_input = - 'A':
	print (" vacuum is pland in location A")
	if sketus-input = = 1:
	print (" location # is dirty ")
	print (" location & is dirty ") goal soute ['A')='O'
	COST + = 1 DONA DONA
	print ("cost der chanina # "+
	from Weaten to has been changed.")
	Dillo San
	of shells infelt complement == '1':
	Print (location in in all 11)
	Maine Wicht & la die 211)
	CONT = 1 TAILE
	print ("cox fir moving right "+ str(cox)") goal state ('h') = '0'
	cost +=1
	print ("Opt 1" ""
	print ("(ort for out "+ shr (con)) print ("localin B has been cliented.")
-	som is ras then chand.")
	elsi:



print ("No aclien" + shr (cose)) print ("location is is already dear is status -input = = '0': print ("location A is already clear") if status input - complement = -1' grint C' location B is dirty. 4) print (" moving right to location ") COSt 1=1 print (" cost for moving eight "+ str (an) goed shote ('B')- 0: print ("cost for such " + sh(cost)) print ("location. 13 has hun cleaned") print ("vaccum is pleued in location B") is status input = = 1: print ("location B is dirdy") goul - sute ('B')-'0' print ("cost for cleaning "+ str (cost)) print ("location B has been cliqued") if status input complement = = 1': print (" location " is dirty") print (" Moving left to location A") gript (" cost for moving lift" + oh (cost))

goul skite (A') = print ("cost for such" + 8tr (cest))
print ("location A has been cleaned")



	Date Page
	Aller of the Same of States
	print (cort)
101	print ("location is is already clean")
	if shotus input complement = = 'I':
	print (" localin A is dirty):
	Print (" Moving left to location A")
	COVT 1 = 1
	print ("cost to maring left "+ or (on))
	goel-oute ('A')='O'
100	100 min with bring to the 1 = 1 con for the 100 of the 100 of
	grint (" cost for outh "+ of (out))
	print ("localien A has been cleaned")
	Clarity and the second of the
	elsi:
	print ("No action "+ or (cert))
	print ("location & is afready chan")
	8 4 (2)
	print ("goal shite: (") - () + () + () ()
	rive (coul suite)
	print (" fer fermance measure ment: " + 34 (cost))
	100000000000000000000000000000000000000
	Vacuum_world()
	Soute your graph.
	LG *** * ***
	The state of the s
	RL RL ADR
L(2 4 2 20 2 9 400 Aug
	J _s s
	REPR
L	G &
	C. C.
102	

	The Charles of the Late Care Livery Day of the Description of the Care Livery Description of
	Vaccum Cleaner OJP.
	Ante M Cation of Vaccum:
	Print (chart that)
	Intu the stutus of A
51	Ante statue of Other room.
	1
	Vacuum is placed in location A.
	Loution A is dirty.
	Cost for cleaning A : 10
	Location & ha been cleaned.
	Rocation B is dirty
	moving right to the location 1.
	cort fr moving right: 2
	cost for nich = 3. 0 7 0
	location 3 has been closed
	Goal Shote:
1000	1 n': '0': 'B': 'O']
	pergamanu muanu mart : 3.
	7 7 7 7