	-	
	22/12/20	23
		Lab-6
	5	
نسر. نسر.	<b>→</b>	Implement the vacuum cleaner agent.
ئىسى ئىسى		Algorithm:
-ىر -ىر	•)	Vaccumn- Cleaning - Agent class:
- -	1 →	init (self, swom), swomz): -> constructor
		→ initialize the cleaning again with 2 moons
		and set the current stoom.
	2-) d	of Cleon-scooms (self): (withouter the cleentry puccion of
	9	each swoms, of it calls they clean swoom function
		to each swoon a then it calls the
		Move to next-funtion!
,- ,-	3->	of Chan-swoom (sey, room):
		if ( owom = = cleen'):
_		oreturn (clean)
		Stop slif ( owom 22 'dirty'):
_		instrates the cleaning proper
		noom 22 clean
		meturn (ellen).
	4-)	de more to ment moom?
		Court = 0:
T		-> Switch the current soon to adian & swom to
		0 2000 22 2 :
		else: More to next suron
	100	- Juran

	Date: Page:
	Control Santana Control
	Coor:
	A Real Property of the State of
	Clam Vacyum Cleoner:
	dy -init-leself, juited-location):  self-location = tuited-location
	self-location = tuitial-location
	def more-left (set):  print ("Horry left")  self. bootion = A"
	point ("Hongry left")
	self. boatron = A
	def nove-vigut coeff):
	pryrit ("plinting vigit")  city, location "B"
	sey, wation's is
	Could be a second
<u> </u>	det sup (self, swom):
	purut l'Sucking dirt in . Everom 3")
	return dean
	def simulate - cleaning .
	dof Simulate- Meaning ():  initial - vacuum- location > input (" Einter mitial bookid.  J. upper ():
	vacuum = Vaccuum cleoner (instrul-Mocuum-location)
	(Mayor)
THE REAL PROPERTY.	A or to = tupyt (" sule state for from A").
	proom-A-chare = tuput (" Eule state for Room A").
	room_A - State = Input (" Euter State for Room B: ")
	lows ()
	Voom = 5
	'A': 800m_A state;
	'B': swom- a state.
	3

	·
	part (" in Initial State: ")
	purul (" Vewsom Cleoner is in Room of vaccoum. Locate)
	puret (" Room A. 2 sworms (A'JJ)
	part (" Norm A. & swoms ("B'] 3 \n")  part (" Room B: d swoms ("B'] 3 \n")
	3 1 5 1 7 1
	if rooms [A'] = 2 chean and rooms [B'] = 2 chean!  print " Roth grooms are already clean. No class.  "Elex:
	print roth grows are always clean. No day
<u></u>	ન્દાલ :
<u></u>	print ("Stanting the cleaning process.")
*	lument - nom = vacuum. Location
- <del>-</del>	Cleaned - voom = vacuum. suck (urpent-room)
	South State of the
	if Cleaned swoon = 2 A';
	Nacrom. nove-4/gut ()
	luneut room 2 A'
	The state of the s
	chencel-soom = vacuum, sup (curut-une
	The suit continue in
	il chand form is att
	rooms [ wrent room] = clean!
	from z clean
The state of the s	Out of the contract of the con
	putut (" In the cleaning completed.")  putut (" final state:")
	purpor ( That state; )
71	pay of Course / I see I some finding
AL ALL	porter & Room A. /dra Ball 24)
	privit ( 1 Room B: Proom (B'] &")
3.25	The state of the s
	Structulate - Cleaning 1)
	A CONTRACT OF THE PARTY OF THE

	Bafna Gold — Date: Page:
	Ouput:
	Ever tutted location of vacuum cleaner (AIB): A
	causer State four Room A (clean / drity): daty
	Eyer Sturr for Room B ( Ugen / disty): disty
neded.")	Initral State:
	Vacuum Claner fu ROOM A
	Room A: dirty
	Ruom B. disty
	Starting the cleening proun.
	Suckeying dort to from A
	Monthly rogert
	sucking dost in swoom B
	Cleanty completed
m)	files Steek:
	Vacuum Chener & in foom B
	Room #: clean
	Avon B'. Clean
	20/12
4	
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(-1 - /	

Output:

0 indicates clean and 1 indicates dirty
Enter Location of VacuumB
Enter status of B0
Enter status of other room1
Vacuum is placed in location B
0
Location B is already clean.
Location A is Dirty.
Moving LEFT to the Location A.
COST for moving LEFT 1
Cost for SUCK 2
Location A has been Cleaned.
GOAL STATE:
{'A': '0', 'B': '0'}
Performance Measurement: 2

[ ] Start coding or generate with AI.