	Vaccum Cleaners Agent	
	Alanzithani da in a marka an haira	
	Algorithmando si 9 asismal sping	
	Vaccum_world():	
	imitialize the goal state has A:0,8:0	
	Imitialize cost = 0	
	phrid at a mottonal bring	
	take location in put to look	
	take Status in and	
	take Status imput + 100	
	take complement Status imput	
	print (inited 1 1 1)	
	print Cimital Location condition)	
	while it a daman of the same o	2
Maile	10 that at Design ()	
	to a line of the state of the s	
11	the Control of the Acco	
	print (boudton A is birty)	
	goal state ['A']='o'	
	(OSt 0 + = 1	-474
10	many and I am primt Wort for Cleaning A?	1
130 V	print (location A has been chand)	
	if Complement etatus imput 1==1	them
160	esta of A most and trainprint boation Bis Empty	
	print Moving right to location	B
7.	do phando at a motheracostation	D
	of 1- tugai hammanprint cost for chaming B	
	utail tid anatheral wat them make and and the Charles	1
1 10	this sid mostoral trainthen make goal state ['B]=1) .
11 18 187	nal at 1131 prairie M. Inding Cost += 1	
	1 to primt tost for sucking	
11401	print locations is cleaned	

Else do topold support print No action print Location B is already clean! Else do print vaccom is placed in location is if status imput == 1 1 do sharting print location Bib Dirty goal_state[is]]=101stand state print cost for eleaning primt location B is cleaned maitibopali maitoral Johimiltonis if complement status = = 1 do ytaib as a mostand priming with A notherest of borale aprint moving to left of locations madte 1 == tug. Costation & Extend so a mathemprintencest of moving " o' = ['A'] = 'gool state ['A'] = 'o' 1 /3 - CO'S to + = 1 1 1 11 11 (A pariorisity rod hard prime cost for chaming and is authorist primit to cation A is cleaned Lugar entate tomo Elsen) dos the state of the location A is already clan altard of Ham Breef do Faring print & location B is already clean." sometiment input ==1 do 237 Mars Down and Print location Ais Dirty print Moving LEFT to Location A Cost +=1 ments the participat primt Cost for Moving Left

