# Exercise 1

Et billede, der indeholder tekst

Automatisk genereret beskrivelse

Everytime the function run calls the function table\_driven\_agent it will append the parameter value percept to the list percepts. This is so it keeps a history of if it’s clean or dirty where it is. Then it checks the dictionary with the history where the last scan/information decides what to do next. The picture below shows that. If A and clean then right, if dirty then suck and lastly if B and clean then left.

Et billede, der indeholder tekst

Automatisk genereret beskrivelse

## 1.3

You could take it down to 3 if you just want left, right and suck.   
‘left’, ‘right’, ‘suck’

But if you want to include A and B then 4:  
(‘A’, ‘Dirty’), (‘B’, ‘Dirty’), (‘A’, ‘Clean’), (‘B’, ‘Clean’).

## 1.4

I think you will need TT+1.