

Program 2

Design the simplex reflex vacuum cleaner

```
main.py
1  flag=True
2  count=1
3  while flag:
4      perc=input("enter the percept")
5      loc=input("enter the location")
6      if loc=="A":
7          if perc=="dirty":
8              print("action: suck...turn right")
9
10         else:
11             print("action: turn right")
12
13     else:
14         if perc=="dirty":
15             print("action: suck.....turn left")
16
17         else:
18             print("action: turn left")
19
20     print("Do you want to continue?")
21     Cont=input("Enter Y or N")
22     if Cont == 'Y':
23         flag= True
24     else :
25         flag = False
26
```

Output

```
enter the perceptdirty
enter the locationb
action: suck.....turn left
Do you want to continue?
Enter Y or NN

...Program finished with exit code 0
Press ENTER to exit console.
```