2) Design the simplex reflex vacuum cleaner

```
flag=True
count=1
while flag:
    perc=input("enter the percept")
    loc=input("enter the location")
    if loc=="A":
        if perc=="dirty":
            print("action: suck...turn right")

        else:
            print("action: turn right")

    else:
        if perc=="dirty":
            print("action: suck.....turn left")

        else:
```

```python
        print("action: turn left")


    print("Do you want to continue?")
    Cont=input("Enter Y or N")
    if Cont == 'Y':
        flag= True
    else :
        flag = False
```

OUTPUT

```
enter the percept dirty
enter the location A
action: suck...turn right
Do you want to continue?
Enter Y or N [Y                              ]
```