2.Design the simplex vacuum cleaner

**PROGRAM**

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:

            print("action: turn left")

    print("Do you want to continue?")

    Cont=input("Enter Y or N")

    if Cont == 'Y':

         flag= True

    else :

         flag = False