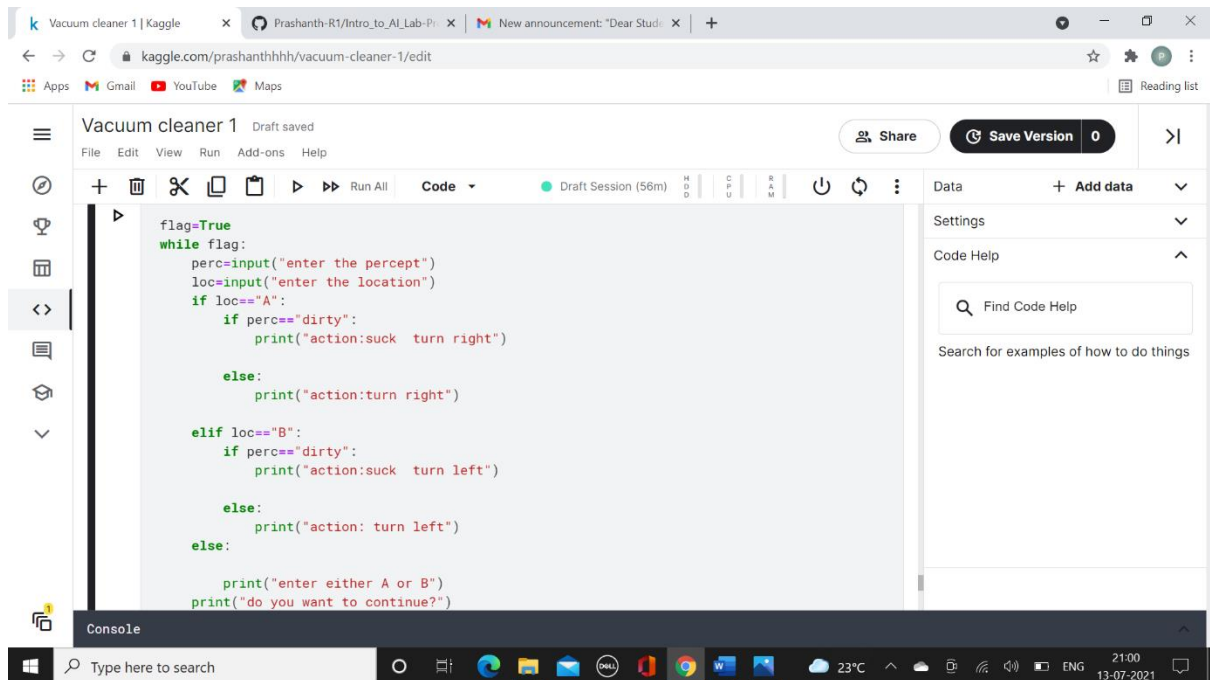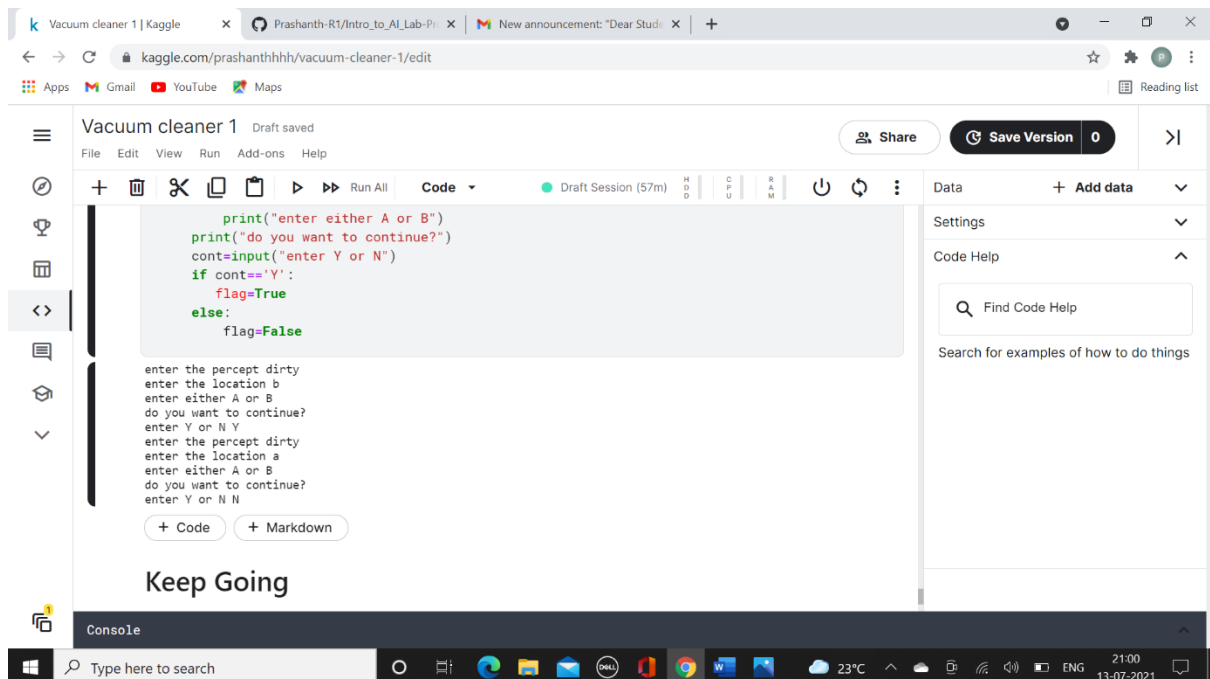# 2. Design the simple reflex vacuum cleaner.


```python
flag=True
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")

    elif loc=="B":
        if perc=="dirty":
            print("action:suck  turn left")

        else:
            print("action: turn left")
    else:

        print("enter either A or B")
    print("do you want to continue?")
```



```python
        print("enter either A or B")
    print("do you want to continue?")
    cont=input("enter Y or N")
    if cont=='Y':
        flag=True
    else:
        flag=False
```

```
enter the percept dirty
enter the location b
enter either A or B
do you want to continue?
enter Y or N Y
enter the percept dirty
enter the location a
enter either A or B
do you want to continue?
enter Y or N N
```

+ Code   + Markdown

Keep Going