

NAME: DEVANANTH A

ROLL NO: 727719EUEC034

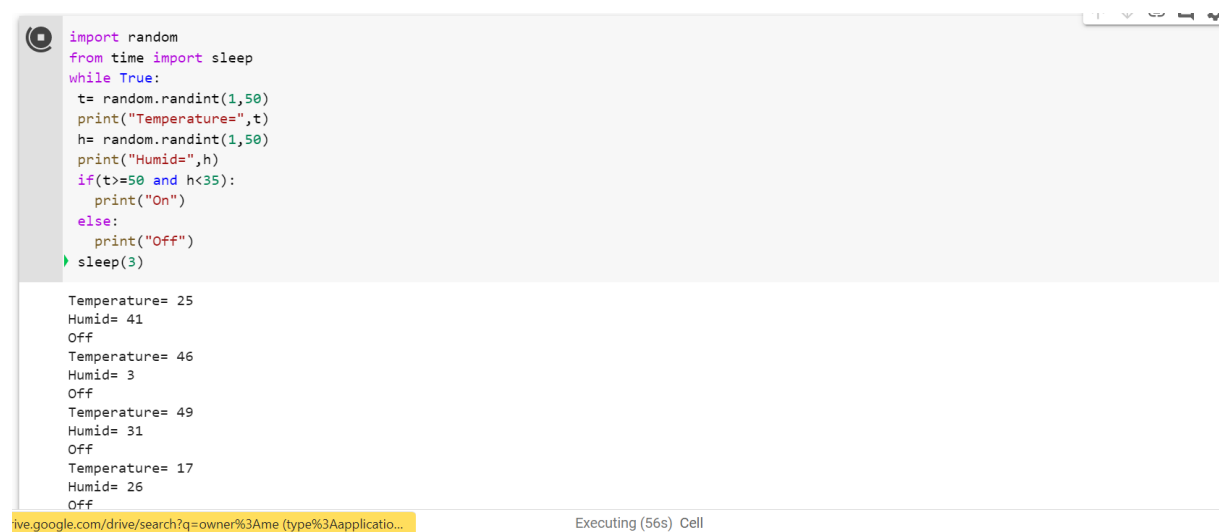
## ASSIGNMENT 2

### Temperature and humidity sensing and alarm automation

#### CODE:

```
import random
from time import sleep
while True:
    t= random.randint(1,50)
    print("Temperature=",t)
    h= random.randint(1,50)
    print("Humid=",h)
    if(t>=50 and h<35):
        print("On")
    else:
        print("Off")
    sleep(3)
```

#### OUTPUT:



```
import random
from time import sleep
while True:
    t= random.randint(1,50)
    print("Temperature=",t)
    h= random.randint(1,50)
    print("Humid=",h)
    if(t>=50 and h<35):
        print("On")
    else:
        print("Off")
    sleep(3)
```

Temperature= 25  
Humid= 41  
Off  
Temperature= 46  
Humid= 3  
Off  
Temperature= 49  
Humid= 31  
Off  
Temperature= 17  
Humid= 26  
Off

ive.google.com/drive/search?q=owner%3Ame(type%3Aapplicatio... Executing (56s) Cell