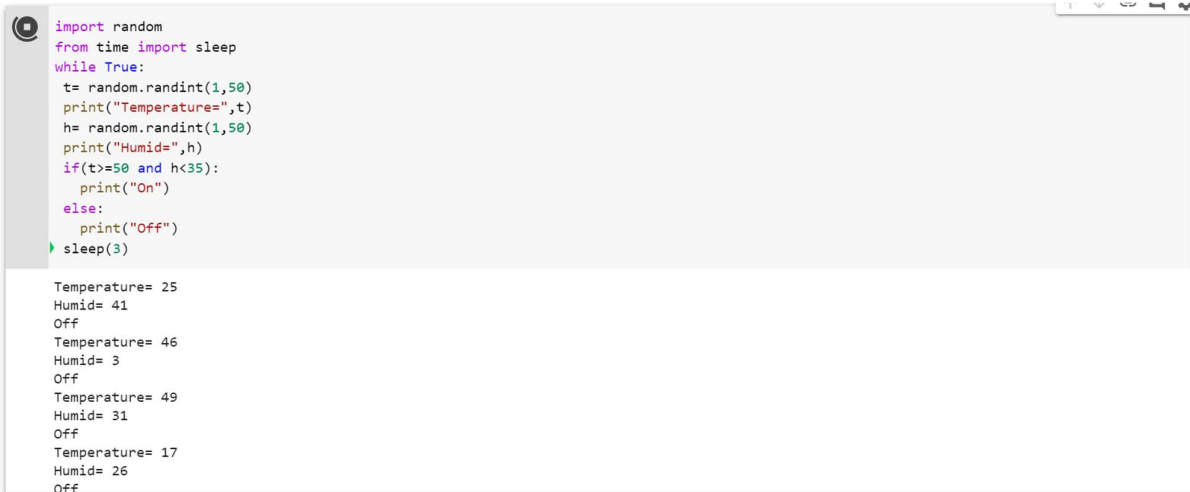


NAME: DEEPADARSINI K T

ROLLNO: 727719EUEC029

**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