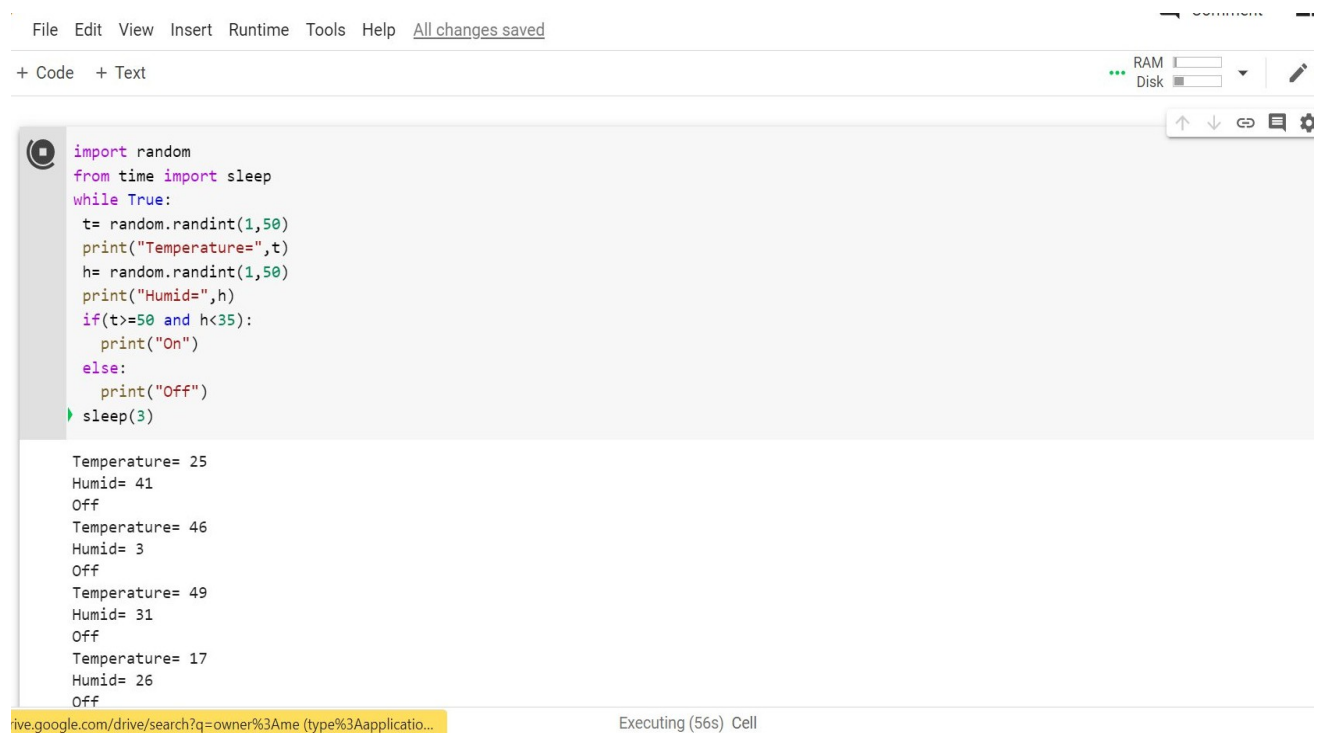Name:ARIVUMANI.S   Rollno:**727719EUEC016**

ASSIGNMENT 2 - Temperature and humidity sensing and alarm automation

CODE:

```python
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:

File   Edit   View   Insert   Runtime   Tools   Help   All changes saved

+ Code   + Text   RAM
                                                                   Disk

```python
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
```

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