IOT ASSIGNMENT 2

TOPIC: *Assignment on temperature and humidity sensing and alarm automation using python*

Name: PRASANTH.E

CODE:

```
import random
i=2 while(True):
a=random.randint(10,99)
b=random.randint(10,99)
if(a>35 and b<65):
    print("HIGH TEMPERATURE AND HUMIDITY OF:",a,b,"%","ALARM
        IS ON")            elif(a<35
and b>65):
    print("NORMAL TEMPERATURE AND HUMIDITY
OF:",a,b,"%","ALARM IS OFF")
if(i<20): i=i+1 random else: break
```

OUTPUT:-

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Language Python 3 ∨

main.py

```python
import random
i=2
while(True):
    a=random.randint(10,99)
    b=random.randint(10,99)
    if(a>35 and b<65):
        print("HIGH TEMPERATURE AND HUMIDITY OF:",a,b,"%","ALARM IS ON")
    elif(a<35 and b>65):
        print("NORMAL TEMPERATURE AND HUMIDITY OF:",a,b,"%","ALARM IS OFF")
    if(i<20):
        i=i+1
        random
    else:
        break
```

input

```
HIGH TEMPERATURE AND HUMIDITY OF: 97 62 % ALARM IS ON
HIGH TEMPERATURE AND HUMIDITY OF: 98 15 % ALARM IS ON
NORMAL TEMPERATURE AND HUMIDITY OF: 31 83 % ALARM IS OFF


...Program finished with exit code 0
Press ENTER to exit console.
```

Activate Windows
Go to Settings to activate Windows

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