IOT ASSIGNMENT 2

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

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CODE:

```
import random while(True):

    a=random.randint(10,100)
    b=random.randint(10,100)
    if(a>35 and b>65): print("HIGH TEMPERATURE AND HUMIDITY
        OF:",a,b,"%","ALARM IS ON") continue
    elif(a<35 and b<65):
    print("NORMAL TEMPERATURE AND HUMIDITY OF:",a,b,"%","ALARM IS OFF")
    break
```

OUTPUT :-

main.py

```python
import random
while(True):
    a=random.randint(10,100)
    b=random.randint(10,100)
    if(a>35 and b>65):
        print("HIGH TEMPERATURE AND HUMIDITY OF:",a,b,"%","ALARM IS ON")
        continue
    elif(a<35 and b<65):
        print("NORMAL TEMPERATURE AND HUMIDITY OF:",a,b,"%","ALARM IS OFF")
        break
```

input

```
HIGH TEMPERATURE AND HUMIDITY OF: 68 96 % ALARM IS ON
HIGH TEMPERATURE AND HUMIDITY OF: 81 83 % ALARM IS ON
NORMAL TEMPERATURE AND HUMIDITY OF: 13 32 % ALARM IS OFF


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