ASSIGNMENT 2

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Maximum Marks	2

Temperature and humidity sensing and alarm Automation using python

Code:

```
Import random
While(True):
      a=random.randint(10,99)
b=random.randint(10,99)
      If(a>35 and b>60):
            Print("high temprature and humidity Of:",a,b,"%","alarm is on")
Elif(a<35 and b<60):
            Print("Normal temprature and humidity Of:",a,b,"%","alarm is off")
            break
```

main.py

```python
import random
while(True):
        a=random.randint(10,100)
        b=random.randint(10,100)
        if(a>35 and b>70):
            print("high temprature & humidity of:",a,b,"%","alarm ON")
        elif(a<35 and b<70):
            print("Normal temprature & humidity of:",a,b,"%","alarm OFF")
            break
```

input
```
high temprature & humidity of: 75 89 % alarm ON
high temprature & humidity of: 97 99 % alarm ON
high temprature & humidity of: 99 75 % alarm ON
Normal temprature & humidity of: 13 27 % alarm OFF


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