ASSIGNMENT-2

Date	24-09-2022
Team ID	PNT2022TMID24443
Project Name	Smart Farmer – IOT Enabled Smart Farming Application
Maximum Marks	2 Marks

TOPIC:

Assignment on temperature and humidity sensing and alarm
automation using python.

NAME: NANDHIKA G

CODE:

```
import random
while(True):
    a=random.randint(10,99)
    b=random.randint(10,99)
    if(a>35 and b>60):
        print("high temperature and humidity of :",a,b,"%","alarm is on")
    elif(a<35 and b<60):
        print("normal temperature and humidity of :",a,b,"%","alarm is off")
        break
```

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Language Python 3 ▾

main.py

```python
1  ''' ASSIGNMENT-2
2  (Temperature and humidity sensing and alarm
3  automation using python.)
4      Date 24-9-2022
5      TEAM ID - PNT2022TMID24443
6      NAME- NANDHIKA G '''
7
8  import random
9  while(True):
10     a=random.randint(10,99)
11     b=random.randint(10,99)
12     if(a>35 and b>60):
13         print("high temperature and humidity of :",a,b,"%","alarm is on")
14     elif(a<35 and b<60):
15         print("normal temperature and humidity of :",a,b,"%","alarm is off")
16         break
```

input

```
high temperature and humidity of : 65 97 % alarm is on
high temperature and humidity of : 81 80 % alarm is on
normal temperature and humidity of : 10 48 % alarm is off

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