

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: LAVANYA P

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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main.py
1 import random
2 while(True):
3 a=random.randint(10,90)
4 b=random.randint(10,90)
5 if(a>35 and b>60):
6 print("high temperature and humidity of :",a,b,"%","alarm is on")
7 elif(a<35 and b<60):
8 print("normal temperature and humidity of :",a,b,"%","alarm is off")
9 break

Input
high temperature and humidity of : 66 93 % alarm is on
high temperature and humidity of : 77 96 % alarm is on
normal temperature and humidity of : 26 13 % alarm is off
...Program finished with exit code 0
Press ENTER to exit console.

Language Python 3