

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: DUDI CHARANI SRI

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(10,99)
4     b=random.randint(10,99)
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 : 94 90 % alarm is on
high temperature and humidity of : 44 82 % alarm is on
normal temperature and humidity of : 26 15 % alarm is off
...Program finished with exit code 0
Press ENTER to exit console.

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