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:

```python
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
```

▶ Run   ⊘ Debug   ■ Stop   ⤶ Share   ⊟ Save   () Beautify

Language Python 3

main.py

```python
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 : 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.
```