ASSIGNMENT NO -2

Project Name : Gas leakage Monitoring and alerting system

Batch Number: :

Assignment Topic : Assignment on temperature and humidity sensing and alarm automation using python

Code:

```python
import random
while(True):
    a=random.randint(10,99)
    b=random.randint(10,99)
    if(a>40 and b>70):
        print("high temprature and humidity of:",a,b,"%","alarm is on")
elif(a<30 and b<55):
        print("Normal temprature and humidity of:",a,b,"%","alarm is off")
        break
```

TEAM MEMBERS

Team lead : S. Rubashree

Member-1 : R. Ramanika

Member -3 : V. Vidhya

Member-4 : R. Keerthiga

OnlineGDB beta

online compiler and debugger for c/c++

code. compile. run. debug. share.

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while(True):

    a=random.randint(10,99)

    b=random.randint(10,99)

    if(a>40 and b>70):

        print("high temprature and humidity of:",a,b,"%","alarm is on")

    elif(a<30 and b<55):

        print("Normal temprature and humidity of:",a,b,"%","alarm is off")

        break
```

Language Python 3

main.py

input

```
high temprature and humidity of: 65 97 % alarm is on
Normal temprature and humidity of: 11 33 % alarm is off

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

Type here to search

36°C Light rain   ENG   18:23 24-09-2022