

# 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:

```
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 : M.Ravinesan

Member-2 : M.Sivanantham

Member -3 : S.Sathish

Member-4: R.Vajay

(1) WhatsApp

Online C Compiler - online editor

onlinegdb.com/online\_c\_compiler

Language Python 3

OnlineGDB beta

online compiler and debugger for c/c++

code compile run debug share

IDE

My Projects

Classroom new

Learn Programming

Programming Questions

Sign Up

Login

f

+ 88.4K

About • FAQ • Blog • Terms of Use • Contact Us

GDB Tutorial • Credits • Privacy

© 2016 - 2022 GDB Online

main.py

1 import random

2

3 while(True):

4

5 a=random.randint(10,99)

6

7 b=random.randint(10,99)

8

9 if(a>40 and b>70):

10

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

12

13 elif(a<30 and b<55):

14

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

16

17 break

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 18:23

24-09-2022