

# ASSIGNMENT NO -2

**Project Name :** INDUSTRY SPECIFIC SAFETY INTELLIGENT FIIRE MANAGEMENT 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..Rishalin

Member-1 : R.Rajasushmitha

Member -3 :T.Ramya

Member-4 : S.Sajithachandran

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

t

+ 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