

ASSIGNMENT-2

Project Name: IOT BASED SAFETY GADGET FOR CHILD SAFETY MONITORING
AND NOTIFICATION

Batch Number: B5-51ME

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



TEAM LEADER :M.PARKAVI

TEAM MEMBER-1:R.NIVETHA

TEAM MEMBER-2:S.SELLAPAVITHRA

TEAM MEMBER-3:J.SHABINA FATHIMA

TEAM MEMBER-4:K.SOBIKA



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
```

(1) WhatsApp Online C Compiler - online editor +

onlinegdb.com/online_c_compiler

OnlineGDB beta
online compiler and debugger for c/c++

code compile run debug share

IDE
My Projects
Classroom
Learn Programming
Programming Questions
Sign Up
Login

f +88-4K

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.

About • FAQ • Blog • Terms of Use • Contact Us
• GDB Tutorial • Credits • Privacy
© 2016 - 2022 GDB Online

Type here to search

36°C Light rain 18:23
24-09-2022