

## **IOT Assignment**

**TEAM ID: PNT2022TMID44795**

**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:**

Sathiskumar v

Kangaiamaran D  
Sathiskumar A  
Hariprasad J

The screenshot displays the OnlineGDB web interface. On the left is a blue sidebar with navigation links: 'IDE', 'My Projects', 'Classroom' (marked 'new'), 'Learn Programming', 'Programming Questions', 'Sign Up', and 'Login'. Below these are social media icons for Facebook and Twitter, and a '+ 28.8K' button. The main area features a top toolbar with icons for Run, Debug, Stop, Share, Save, Beautify, and Download. The language is set to 'Python 3'. The code editor shows a file named 'main.py' with the following Python code:

```
1 import random
2 while(True):
3     a=random.randint(10,90)
4     b=random.randint(10,90)
5     if(a>40 and b>70):
6         print("high temprature and humidity of:",a,b,"%","alarm is on")
7     elif(a<30 and b<55):
8         print("Normal temprature and humidity of:",a,b,"%","alarm is off")
9         break
10
```

The console at the bottom shows the error message: 'IndentationError: unindent does not match any outer indentation level' pointing to line 7. The console also indicates the program finished with exit code 1 and prompts the user to press ENTER to exit the console.