

**Team ID : PNT2022TMID06114**

**Project Name : Industry Specific Intelligent Fire Management System**

**Assignment - 2**

**Python Code For Temperature and Humidity Values and Turn the alarm on:**

```
import random
def generate_values():
    a,b=10,100
    temperature = random.randint(a, b)
    humidity = random.randint(a, temperature)
    return humidity, temperature
humidity = temperature = 0
while temperature < 100:
    humidity, temperature = generate_values()
    print('Humidity:', humidity, 'Temperature:', temperature)
    if temperature > 50:
        print('High Temperature Detected, ALARM ON')
```