Assignment-2

Team ID: PNT2022TMID52309

Team member: Arthi k

Objective:

Build a python code, assume you get temperature and humidity values (generated with a random function to a variable and write a condition to detect an alarm in case of high temperature continuously.

Python Code:

```
Import random
While (True):
        Temp=random.randint(15,99)
         Humid=random.randint(15,99)
         Print(“current temperature:”,humid.”%”)
         Print(“current humidity:”,humid.”%”)
         temp_ref=105
         humid_ref=105
         if temp<temp_ref and humid<humid_ref:
            print(“Sound alarm”)
        else:
             print(“Sound off”)
        break
```

Output:

Current temperature: 66

Current humidity: 63%

Sound off

Screenshot: