## **Internet of Things Assignment**

## **Assignment 2:**

Build a python code, Assume u 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.

```
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Python Code:
import random
import time
def Temp_Humid_Monitor():
  humid=random.randint(0,100)
  temp=random.random()*100
  temp format="{:.2f}".format(temp)
  if(temp>45 and humid>55):
    print("Humidity is ",humid,end="%")
    print("\nTemperature is ",temp format,end=" deg celsius")
    print("\nHigh Temperature!")
  elif((humid>30 and humid<55) and (temp<45 and temp>18)):
    print("\nEnjoy your Day")
while True:
    print("Calculating Temperature and Humidity")
    Temp Humid Monitor()
    time.sleep(5)
    print("That's all for today! ");
    print("\n\n")
```

## **Screenshot:**

