Assignment -2

Assignment Date 16/11/2022 Student Name K.Sri Ram

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Question:

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

Solution:

Python Code:

```
import random import time while True:
temp=random.randint(1,50)
humudity=random.randint(1,80)
print("Temperature: ",temp)
print("Humudity: ",humudity)
  if((temp>15 and temp<50) and (humudity>30 and humudity<60)):
    print("Room's Temperature and Humudity is Normal")
print("Alarm OFF")    else:
    print("Room's Temperature and Humudity is Abnormal")
print("Alarm ON")    time.sleep(1)</pre>
```

Output:

