ASSIGNMENT-2

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

Code:

```
import time #importing the time lib
import random   #importing the random lib
i=0 #initiating with 0
while (i<5):    #iterating only for 5 times
   i=i+1
   time.sleep(1)   #1sec
   temp=random.randint(0,30)
   humid=random.randint(1,100)
   if temp<=15:
      print(temp,"the temperature is low")
   elif temp<=25:
      print(temp,"the temperature is ok & normal")
   else:
      print(temp,"the temperature is absolutely high")
   if humid<=50:
      print(humid,"the humidity is low")
   elif humid<=80:
      print(humid,"the humidity is ok & normal")
   else:
      print(humid,"the humidity is definitely high")
```

Simulated Output: