Assignment -2

Python Programming

Assignment Date	24 September 2022
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1.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:

```
import random def
temperature():
value=random.randint(25,100)
return value
t=temperature() t=int(input("Enter the
temperature value"))

def humidity():
   range=random.randint(40,100)
   return range
h=humidity() h=int(input("Enter the
humidity value"))

if t>30: print("High temperature
   detetcted") print("Buzzer on,alarm
   sound is high")
elif t==30:
   print("Temprature reached maximum thershold of 30 degrees celsius")
else:
   print("Temperature is good")
#for Humidity if h>65 : print("High
humidity detetcted") print("Buzzer
on,alarm sound is high")
elif t == 65: print("Humidity reached maximum thershold of 65
percent") else:
   print("Humidity is good")
```