ASSIGNMENT 2

ASSIGNMENT DATE	22-SEP-2022
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Question:

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

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of high temperature.
Solution:
CODE:
#Program for finding humidity and temperature
#Let us assuming the range of temperature from 23 to 30 degress
#if temperature is above 30 degrees
import random import math
import winsound
#random choosing of temperature temperature
= random.randint(22,40)
#here dew point must be less than temperature so let is subtract some value with
the range of 3 to 8 rand=random.randint(3,8) print(temperature)
due point=temperature-rand
relativehumidity=100*(2.718281828*(17.625*due point/(243.04+due point)))/(2.7
18281828*(17.625*temperature/(243.04+temperature))) print(relativehumidity)
#buzzer alerting if temperature is exceed 33 then buzzer allert
if(temperature>33):
  winsound.Beep(4300,5000)
  print("!!!!!(((((buzzer)))))!!!!!")
else:
print(".....buzzer.....")
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OUTPUT:

