[\_,.ibm ass2.py - C:\Users\bhanu\Desktop\ibm ass2.py (3.9.8)

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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 us subtact some value with the ra rand=random .randint(3,8)

print (temperature)

due point=temperature-rand

relativehumidity=100\*(2.718281828\*\*(17.62S\*due point/ (243.04+due point)))/(2.718281828\* print (relativehumidity) -

# buzzer alerting if temperature is exceed 33 then buzzer allert if (temperature>33)::

**print ("buzzer on")**

winsound .Beep(4300,4000) else:

print ("buzzer off")

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Python 3.9.8 (tags/v3.9.8:bb3fdcf, Nov 5 2021, 20:48:33) [MSC v .1929 64 bit (AM064))on win32

**Type "help", "copyright 11 , "credits" or "license** () " **f or more inf ormation .**

>>>

======================================================================== RESTART : C:\Users\bhanu\ Desktop\ibm ass2.py =======================================================================

33

75.10619603949746

buzzer off

>>>

========================== RESTART : C:\Users\bhanu\Desktop\ibm ass2.py ========================== 36

84.63384365075635

**buzzer on**

>>>

========================== RESTART : C:\Users\bhanu\Oesktop\ibm ass2.py ========================== 24

73.6328736490744

buzzer off

>>>

32

79.46556860936894

buzzer off

>>>

RESTART : C:\Users\bhanu\Oesktop\ibm ass2.py

========================== RESTART : c:\Users\bhanu\Desktop\ibm ass2.py ========================== 22

83.10768816029146

buzzer off

>>>

========================== RESTART : C:\Users\bhanu\Desktop\ibm ass2.py ========================== 35

71.1915636568733

**buzzer on**

»> I

Ln: 18 Co : 0

Ln:33 Col:4

*P* Type here to search **0**

.. • 28°C Cloudy

A *rfi:* ILl cN) *cf?*

8:02 PM

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·= 9/28/2022

