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


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main.py



Language Python 3 

```
10 #Assuming the range of temperature 23 Celsius to 40 Celsius
11 #If temperature is above 33 Celsius consider high temperature
12 import random
13 Temp=random.randint(23,40)
14 print("Temperature=",end=" ")
15 print(Temp)
16 if Temp>33:
17     print("High Temperature Buzzer On")
18     print("BUZZER SOUND ON")
19 else:
20     print("Normal Temperature")
21     print("NO BUZZER")
22
23 Diff=random.randint(3,8)
24 Dew_point=Temp-Diff
25 print("Dew Point=",end=" ")
26 print(Dew_point)
27
28 relv_hum=100*(2.7182*(17.625*Dew_point/(243.04+Dew_point)))/(2.7182*(17.625*Temp/(243.04+Temp)))
29 print("Relative Humidity =",end=" ")
30 print(relv_hum)
31
```

Input

Temperature= 26
Normal Temperature
NO BUZZER
Dew Point= 23
Relative Humidity = 89.45907498004928

...Program finished with exit code 0
Press ENTER to exit console.