

Assignment -2

Python Programming

Assignment Date	21 September 2022
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Maximum Marks	2 Marks

Question-1

Build a python program where you get temperature and humidity by using random function and continuously monitor temperature and humidity and alert the user if it is too hot or too cold

Solution :

```
import random
from time import sleep

Temp = 0.0
Humid = 0.0

while True:

    Temp = random.random()*100
    Humid = random.random()*100
    if((Temp>50) and(Humid<30)):
        print("Temperature is very high")
        print("Temperature : {:.2f} ".format(Temp))
        print("Humidity : {:.2f} ".format(Humid))

    elif((Temp < 20) and (Humid >50) ):
        print("Temperature is very Low")
        print("Temperature : {:.2f} ".format(Temp))
        print("Humidity : {:.2f} ".format(Humid))

    else:
        print("reading....")
        sleep(2)
```

Output :

[illegible]