ASSIGNMENT - 2

PYTHON PROGRAMMING

ASSIGNMENT DATE	21 SEPTEMBER 2022
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MAXIMUM MARKS	

Question-1:

Build a python code, Assume you 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:

```
#TEMPERATURE AND HUMIDITY VALUES- SANDHIYA.P
#T-TEMPERATURE,H-HUMIDITY
import random
while True:
    T = random.randint(30, 50)
    H = random.randint(3,100)
    print(T,'*C')
    if T>=35:#We take below 35 normal temperature
        print("HIGH TEMPERATURE,WARNING")
    else:
        print("NORMAL")
    print("HUMIDITY:",H,'%')
```


Run
Result Size: 602 x 446
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#TEMPERATURE AND HUMIDITY VALUES- SANDHIYA.P
#T-TEMPERATURE,H-HUMIDITY
import random
while True:
T = random.randint(30, 50)
H = random.randint(3,100)
print(T,'*C')
if T>=35:#We take below 35 normal temperature
print("HIGH TEMPERATURE,WARNING")
else:
print("NORMAL")
print("HUMIDITY:",H,'%')
34 *C
NORMAL
HUMIDITY: 81 %
33 *C
NORMAL
HUMIDITY: 48 %
36 *C
HIGH TEMPERATURE,WARNING
HUMIDITY: 15 %
33 *C
NORMAL
HUMIDITY: 82 %
37 *C
HIGH TEMPERATURE,WARNING
HUMIDITY: 43 %
47 *C
HIGH TEMPERATURE,WARNING
HUMIDITY: 20 %
32 *C
NORMAL
HUMIDITY: 16 %
45 *C