ASSIGNMENT 2

TEAM ID - PNT2022TMID38841

Question:

Build a python code, Assume u 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

```python
import random

import time

while(1!=0):

 temperature = random.random()

 humidity = random.random()

 print("Temperature: ","%.3f" % temperature)

 print("Humidity: ","%.3f" % humidity)

 time.sleep(2)

 if (temperature > 0.5):

     print("high temperature")

 if ( humidity >0.5):

     print("high humidity")

 print(" ")
```

OUTPUT

```
main.py
 1  import random
 2  import time
 3  while(1!=0):
 4    temperature = random.random()
```

input

```
Humidity:  0.676
high humidity

Temperature:  0.058
Humidity:  0.454

Temperature:  0.415
Humidity:  0.850
high humidity

Temperature:  0.631
Humidity:  0.316
high temperature

Temperature:  0.479
Humidity:  0.850
high humidity

Temperature:  0.494
Humidity:  0.042

Temperature:  0.047
Humidity:  0.976
high humidity

Temperature:  0.079
Humidity:  0.561
high humidity

Temperature:  0.795
```