

Question: Python code which takes random temperature and humidity values and prints detected temperature.

PYTHON CODE:

```
import random
import time
def detect(temperature,humidity):
    if temperature > 40:
        print("{:.2f}C -> HIGH TEMPERATURE DETECTED!!!".format(temperature))
        print()

    if humidity <15:
        print("{}kg-1 -> LESS HUMIDITY ,MAY INCREASE
TEMPERATURE!!!".format(humidity))#humidity inversely proportional to temperature
        print()

    else:
        print("{:.2f}C -> NORMAL TEMPERATURE".format(temperature))
        print()

    time.sleep(2) # causing a delay of 2 seconds to visualise each of the output.

    return 0

    #if the temperature is higher than 40' C ,it will detect .

while(True):

    temperature=random.uniform(-10,70)
    humidity=random.randint(0,50)
    detect(temperature,humidity)
```