ASSIGNMENT 2

Detect alarm incase of high temperature:

```
import random from time
import sleep

while (True): temperature =
    random.randrange(0, 100) if
    (temperature >= 50):

        humidity = random.randrange(0, 20) else:
        humidity = random.randrange(21, 50)
    print("the temperature of the room is {} fahrenheit".format(temperature))

    print("the humidity of the room is {}".format(humidity))

    if (temperature > 60 and humidity < 50):
        print("****the alarm must be detected****")
    break sleep(2)
```

File Edit Shell Debug Options Window Help

```
Python 3.9.1 (tags/v3.9.1:1e5d33e, Dec  7 2020, 17:08:21) [MSC v.1927 64 bit (AMD64)] on win
32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/SAKTHIVEL S/AppData/Local/Programs/Python/Python39/assignment 2.py
TEMPERATURE= 65
HIGH TEMPERATURE
>>>
= RESTART: C:/Users/SAKTHIVEL S/AppData/Local/Programs/Python/Python39/assignment 2.py
TEMPERATURE= 19
NORMAL TEMPERATURE
>>>
= RESTART: C:/Users/SAKTHIVEL S/AppData/Local/Programs/Python/Python39/assignment 2.py
TEMPERATURE= 62
HIGH TEMPERATURE
>>>
```

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