ASSIGNMENT- 02

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.

CODE:

```python
import random
import time
def CheckTemp(temperature):
    if temperature>70:
        print("Temperature is High, Alarm is ON!")
    else:
        print("Normal Temperature, Alarm is OFF!")
temp = random.randint(0,100)
humid = random.randint(0,100)
while True:
    temp = random.randint(0,100)
    humid = random.randint(0,100)
    print("Temperature = "+str(temp))
    print("Humidity = "+str(humid))
    CheckTemp(temp)
```

```
    time.sleep(1)
```

OUTPUT:

Temperature = 95

Humidity = 72

Temperature is High, Alarm is ON!

Temperature = 52

Humidity = 68

Normal Temperature, Alarm is OFF!

Temperature = 60

Humidity = 66

Normal Temperature, Alarm is OFF!

Temperature = 93

Humidity = 84

Temperature is High, Alarm is ON!

Temperature = 73

Humidity = 43

Temperature is High, Alarm is ON! **...**