

Assignment -2

Assignment Date	27 September 2022
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Question :

Build a python code, Assume u get temperature and humidity values (generated with a random function to a variable) and write a condition to detect an alarm in case of high temperature continuously

CODE:

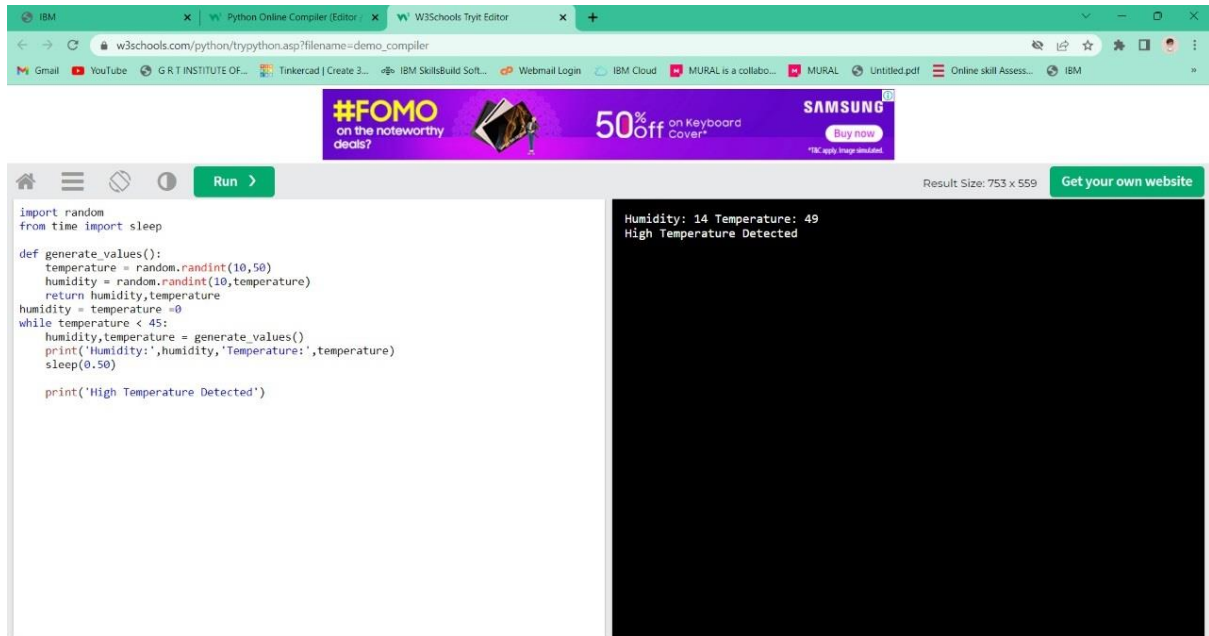
```
import random
from time import sleep

def generate_values():
    temperature = random.randint(10,50)
    humidity = random.randint(10,temperature)
    return humidity,temperature

humidity = temperature =0
while temperature < 45:
    humidity,temperature = generate_values()
    print('Humidity:',humidity,'Temperature:',temperature)
    sleep(0.50)

print('High Temperature Detected')
```

OUTPUT:



```
import random
from time import sleep

def generate_values():
    temperature = random.randint(10,50)
    humidity = random.randint(10,temperature)
    return humidity,temperature
humidity = temperature =0
while temperature < 45:
    humidity,temperature = generate_values()
    print('Humidity:',humidity,'Temperature:',temperature)
    sleep(0.50)

    print('High Temperature Detected')
```

Humidity: 14 Temperature: 49
High Temperature Detected