Q)

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.

Code:

```python
import random

print('''IMPORTANT NOTE: If the temperature/humidity value is greater

than 450, it is considered as 'HAZARDOUS' ''')

temp=random.sample(range(400,500),15)

humi=random.sample(range(400,500),15)

print('temperature:',temp)

print('Humidity:',humi)

for j in range(15):

    if((temp[j]>150) or (humi[j]>450)):

        print('⚠Hazardous')

    else:

        continue
```

Output:

```
=============== RESTART: C:\Assignments\Poovarasan.H\python.py ===============
IMPORTANT NOTE: If the temperature/humidity value is greater
than 450, it is considered as 'HAZARDOUS'
temperature: [470, 406, 455, 407, 497, 411, 402, 442, 416, 457, 484, 499, 471, 420, 461]
Humidity: [497, 434, 437, 409, 432, 488, 474, 418, 428, 458, 402, 440, 424, 489, 498]
⚠ Hazardous
⚠ Hazardous
⚠ Hazardous
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⚠ Hazardous
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