ASSIGNMENT – 2

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

CODE:

```python
import random

import time


while (1):

temp = random.randint(0, 100)

humidity = random.randint(0, 100)

if temp>60:

print("ALERT!!! temperature: "+str(temp)+"°C")

time.sleep(1)

print("ALERT!!! humidity: "+str(humidity)+"%")

time.sleep(1)
```

Output:

```
main.py
1  import random
2  import time
3
4  while (1):
5      temp = random.randint(0, 100)
6      humidity = random.randint(0, 100)
7      if temp>60:
8          print("ALERT!!! temperature: "+str(temp)+"°C")
9          time.sleep(1)
10         print("ALERT!!! humidity: "+str(humidity)+"%")
11         time.sleep(1)
12
13
14         |
15         |
16         |
```

```
input
ALERT!!! humidity: 2%
ALERT!!! temperature: 95°C
ALERT!!! humidity: 83%
ALERT!!! temperature: 97°C
ALERT!!! humidity: 70%
ALERT!!! temperature: 69°C
ALERT!!! humidity: 47%
```

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