

**Assignment -2**  
Python Programming

Assignment Date	17 September 2022
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Maximum Marks	2 Marks

**Question:**

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.

**Solution:**

```
import random
import time
```

```
while True:
    temp = random.randint(30, 100)
    print(f"Current Temperature : {temp}")
    if temp > 60:
        print(f"Alert! High Temperature - {temp}!!!")
        time.sleep(1)
```

**Output:**

```
ABHINAV C:/Users/rohini/Downloads/asn2_ibm.py
Current Temperature : 94
Alert! High Temperature - 94!!!
Current Temperature : 73
Alert! High Temperature - 73!!!
Current Temperature : 53
Current Temperature : 62
Alert! High Temperature - 62!!!
Current Temperature : 98
Alert! High Temperature - 98!!!
Current Temperature : 83
Alert! High Temperature - 83!!!
Traceback (most recent call last):
  File "C:/Users/rohini/Downloads/asn2_ibm.py", line 9, in <module>
    time.sleep(1)
KeyboardInterrupt
```

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