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Maximum marks	2 Marks

IBM ASSIGNMENT 2

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.

PROGRAM:

```
import random

import time

while(1!=0):

    temperature = random.random()

    humidity = random.random()

    print("Temperature: ", "%.3f" % temperature)

    print("Humidity: ", "%.3f" % humidity)

    time.sleep(2)

    if (temperature > 0.5):

        print("high temperature")

    if ( humidity >0.5):

        print("high humidity")

    print(" ")
```

Output:

```
Temperature: 0.780  
Humidity: 0.172  
high temperature
```

```
Temperature: 0.730  
Humidity: 0.454  
high temperature
```

```
Temperature: 0.192  
Humidity: 0.814  
high humidity
```

```
Temperature: 0.578  
Humidity: 0.087  
high temperature
```

```
Temperature: 0.598  
Humidity: 0.555  
high temperature  
high humidity
```

```
Temperature: 0.934  
Humidity: 0.468
```

