<u>IBM ASSIGNMENT – 2</u>

Name:Kavaskar.B

College:SONA college of technology

ASSIGNMENT QUESTION

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.

PYTHON CODE:

```
import random
import time
while(1!=0):
temperature = random.random()
humidity = random.random()
#round(temperature,2) #round(humidity,2)
("print Temperature: ","%.5f" % temperature)
print("Humidity: ","%.5f" % humidity)
time.sleep(2)
if (temperature > 0.7):
    print("high temperature")
if ( humidity >0.7):
    print("high humidity")
print("")
```

EXECUTION RESULT

