**Assignment -2**

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| Assignment Date | 16/11/2022 |
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**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.

**Solution:**

**Python Code:**

import random import time while True: temp=random.randint(1,50) humudity=random.randint(1,80) print("Temperature: ",temp) print("Humudity: ",humudity)

if((temp>15 and temp<50) and (humudity>30 and humudity<60)):

print("Room's Temperature and Humudity is Normal") print("Alarm OFF") else:

print("Room's Temperature and Humudity is Abnormal") print("Alarm ON") time.sleep(1)

**Output:**

