**Assignment -2**

Python Programming

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| Assignment Date | 19 November 2022 |
| Student Name | Varsha.A |
| Student Roll Number | 814419106005 |
| Maximum Marks | 2 Marks |

**Question-1:**

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

**Code:**

import time #importing the time lib import random #importing the random lib i=0 #initiating with 0 while (i<5): #iterating only for 5 times i=i+1 time.sleep(1) #1sec temp=random.randint(0,80) humid=random.randint(1,100) if temp<=15:

print(temp,"the temperature is low") elif temp<=25:

print(temp,"the temperature is ok & normal") else:

print(temp,"the temperature is absolutely high") if humid<=50:

print(humid,"the humidity is low") elif humid<=80:

print(humid,"the humidity is ok & normal") else:

print(humid,"the humidity is definitely high")

**Output:**

