**Assignment -2**

Python Programming

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| Assignment Date | 21 September 2022 |
| Student Name | Aathish.D |
| Student Roll Number | 714019106002 |
| 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:

