# Assignment -2

Python Programming

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| Assignment Date | 28 September 2022 |
| Student Name | Hariharan S |
| Student Roll Number | 910019106012 |
| Maximum Marks | 2 Marks |

# Question-1:

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

# Solution:

import time i=0

while (i<=10):

i=i+1 time.sleep(1) import random

temperature=random.randint(0, 30)

humidity=random.randint(1,100

)

if temperature<=15: print(temperature,

"temperature is very LOW") elif temperature<=25: print(temperature, "temperature is NORMAL")

else :

print(temperature, "temperature is very HIGH")

if humidity<=30: print(humidity, "humidity is

very LOW ")

elif humidity<=60: print(humidity, "humidity is

NORMAL")

else :

print(humidity, "humidity is very HIGH")

