# Assignment -2

Python Programming

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| Assignment Date | 3 November 2022 |
| Student Name | ELAMATHI V |
| Student Roll Number | 717819F115 |
| Maximum Marks | 2 Marks |

# Question-1:

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:

import random as rd import time as t while 1:

temperature=rd.randint(0,100) moisture=rd.randint(0,100)

if temperature>=60:

print("warning!!Detected Temperature:"+str(temperature)+"\*c") if moisture>=60:

print("warning!!Detected Moisture:"+str(moisture)+"%") if temperature>=60 & moisture>=60:

print("warning!!Detected both Temperature and Moisture:"+str(temperature)+"\*c and"+str(moisture)+"%")

elif temperature>=60 & moisture>=60:

print("Both temperature and moisture are in normal condition") elif moisture<=60:

print("normal moisture condition") elif temperature<=60:

print("good temperature") t.sleep(1)

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| Output |

