**Assignment - 2**

Python Code

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| Assignment Date | 19 November 2022 |
| Student Name | Arun.S |
| Student Roll Number | 814419106001 |
| Maximum Marks | 2 Marks |

**Question-1:**

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

**Solution:**

**Code:**

import random i=1 while i<=6:

Humidity=random.randint(0,100) Temperature=random.randint(32,212)

print("Humidity value is:",Humidity,"\nTemperature value is:",Temperature)

if (Temperature>65)and(Humidity<50): #if temperature value is high,humidity value is low then ON motor

print("Your plant Need water!,please switch ON Motor.") else:

print("your plant has Enough water!") i=i+1

**Output:**

