**Assignment -2**

Python Programming

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| Assignment Date | 22 September 2022 |
| Student Name | Sanjay Kumar G |
| Student Roll Number | 113319106066 |
| Maximum Marks | 2 Marks |

**Question-1:**

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

**Solution:**

import random #random function

temp=random.randint(1,100) humty=random.randint(1,100) print(temp)#temperature value print(humty)#hmidity value

if ((temp<30)&(humty<50)): print("temperature is normal :") print("humidity is normal:") print("alaram off")

elif((temp<30)&(humty>50)): print("temperature is low") print("humidity is high") print("alaram off")

elif((temp>30) & (humty<50)): print("temperature is high:") print("humidity is normal") print("alaram on")

elif((temp>30) & (humty<60)): print("temperature is high") print("humidity is normal:") print("alaram on")

elif((temp>30) & (humty>60)): print("temperature is high") print("humidity is high") print("alaram on")

