**Assignment -1**

Python Programming

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| Assignment Date | 27 September 2022 |
| Student Name | SOWMYA S |
| Student Roll Number | 621319106092 |
| Maximum Marks | 2 Marks |

**Question-1:**

Build a python code, Assume you get temperature and humidity values and write a condition to continuously detect alarm in case of high temperature.

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| **Solution:** |
| **import random**  **while True:**  **temp=random.randint(1,100)**  **humidity=random.randint(1,100)**  **temperature=-(((temp/1024)\*5)-0.5)\*100;**  **print("humidity is:{} ".format(humidity))**    **print("Temperature is :{} celcius".format(temperature))**    **if(humidity<=23):**  **print("normal humidity value")**  **else:**  **print("humidity value greater than normal")**  **if(temperature<=20):**  **print("normal")**  **else:**  **print("hazard detected")** |
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