**Assignment -2**

Python Programming

|  |  |
| --- | --- |
| Assignment Date | 24 September 2022 |
| Student Name | Shahithya.Y |
| Student Roll Number | 113319104077 |
| 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 alarm in case of high temperature.

|  |
| --- |
| **Solution:** |
| **import random**  **while(True):**  **temp=random.randint(10,99)**  **humid=random.randint(10,99)**    **print("current temperature:",temp)**  **print("current humidity:",humid,"%")**  **temp\_ref=37**  **humid\_ref=35**  **if temp>temp\_ref and humid<humid\_ref:**  **print("Sound Alarm")**  **else:**  **print("Sound off")**  **break** |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
| OUTPUT: |  |

