# Assignment-2

|  |  |
| --- | --- |
| Assignment Date | 30 September 2022 |
| Student Name | Aravindh S |
| Student Roll Number | 717819F201 |
| 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:**

Current temperature:86

Current humidity:16%

Sound Alarm

|  |
| --- |
| **Program:**    **Output:** |
|  |