Assignment -2

Python Programming

Assignment Date	22 September 2022
Student Name	Praveen.G
Student Roll Number	113019106060
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:

```python
import winsound

import time

from random import seed

from random import randint

seed(1)

for _ in range(10):

  n = randint(0, 100)

  v = randint(0,100)

  if n>60 :

   print("temperature:",n,end=" " )

   winsound.Beep(1000, 500)

   time.sleep(1)

   if v>70:

     print("Humidity:", v)

     winsound.Beep(1000, 1000)

     time.sleep(1)

   else:

     print("Humidity:",v)

     time.sleep(1)

  else:

    print("temperature:",n,end=" ")
```

```python
if v > 70:
    print("Humidity:", v)
    winsound.Beep(1000, 1000)
    time.sleep(1)
```