**Personal Assistance for Seniors Who Are Self-Reliant**

**Assignment – III**

**Topic :** PYTHON CODE TO GET TEMPERATURE AND HUMIDITY VALUE

**Name:** REVATHI M

**Register Number:** 921019104042

**E-Mail Id :** [srirevathi670@gmail.com](mailto:srirevathi670@gmail.com)

**Code:**

**import time**

**import RPi. GPIO as GPIO**

**GPIO. setmode(GPIO. BOARD)**

**GPIO. setup(11. GPIO. OUT)**

**while True:**

**GPIO. output(11, True)**

**time. sleep(1)**

**GPIO. output(11, False)**

**time. sleep(1)**

**from gpiozero import Button. TrafficLights, Buzzer**

**buzzer = Buzzer (15)**

**button Button(21)**

**lights TrafficLights(25, 8, 7)**

**while True:**

**button. wait\_for\_press()**

**light. green. on()**

**sleep(1)**

**lights. amber. on()**

**sleep(1) lights. red. on()**

**sleep(1)**

**lights. off()**

**while True:**

**lights. on()**

**buzzer. off()**

**button. wait\_for\_press()**

**lights. off()**

**buzzer. on()**

**button. wait\_for\_release()**

**while True:**

**lights. blink()**

**buzzer, beep() button. wait\_for\_press()**

**lights. off()**

**buzzer. off() button. wait\_for\_release()**