

Assignment 3

Date	28 September 2022
Team ID	PNT2022TMID46387
Student Register Number	820319104007
Student Names	Archana.B
Project Name	Personal Assistance for Seniors Who Are Self Reliant
Maximum Marks	2 Marks

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()
```