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Assignment -3

Personal Assistance For Seniors Who Are Self-Reliant

Assignment Date	30 September 2022
Student Name	Pavan kumar.K
Student Roll Number	710119104013
Maximum Marks	2 Marks

Code : **PNT2022TMID42300**

```
import time
import RPi.GPIO as GPIO
GPIO.setmode(GPIO.BOARD)
GPIO.setup(11, GPIO.OUT)
while True:
  GPIO.output(11,Tru
  e) time.sleep(1)
  GPIO.output(11,Fal
  se) 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()
```