Name : Deepa Harshini.C.A

Roll Number : 310619205024

Team-Id : PNT2022TMID09639

Write a python code for blinking LED and Traffic lights for Raspberry pi.

**import** RPi.GPIO **as** GPIO # Import Raspberry Pi GPIO library

**from** *time* **import** sleep # Import the sleep function from the time module

GPIO.setwarnings(**False**) # Ignore warning for now

GPIO.setmode(GPIO.BOARD) # Use physical pin numbering

GPIO.setup(8, GPIO.OUT, initial=GPIO.LOW) # Set pin 8 to be an output pin and set initial value to low (off)

**while** **True**: # Run forever

GPIO.output(8, GPIO.HIGH) # Turn on

sleep(1) # Sleep for 1 second

GPIO.output(8, GPIO.LOW) # Turn off

sleep(1) # Sleep for 1 second

from gpiozero import LED

red = LED(22)

amber = LED(27)

green = LED(17)

red.blink(1, 1)

amber.blink(2, 2)

green.blink(3, 3)