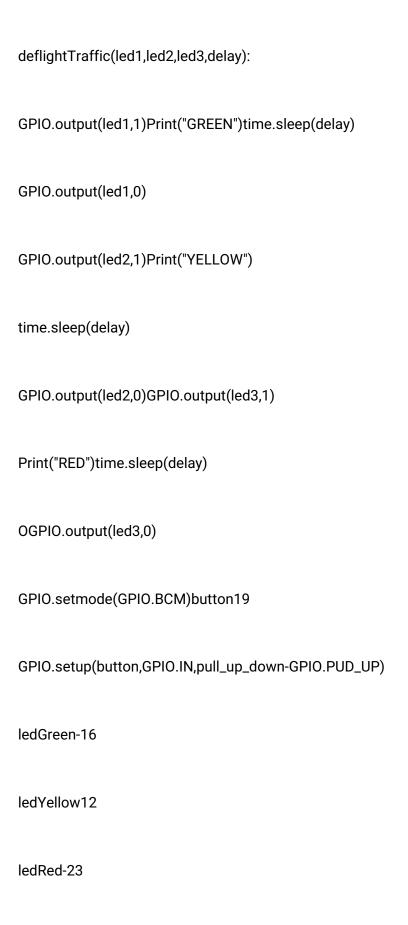
Assignment Date	11-10-2022
Student name	Raghul. R
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ASSIGNMENT-3	
PYTHONPROGRAMMING	
Question:	
Write python code for blinking LED and Traffic lig	ghts for Raspberrypi.
BlinkingLed:	
importRPI.GPIOasGPIO	
fromtimeimportsleep	
GPIO.setwarnings(False)	

GPIO.setmode(GPIO.BOARD)

GPIO.setup(7,GPIO.OUT,initial=GPIO.LOW)
whileTrue:
GPIO.output(7,GPIO.HIGH)
print("LEDon")
sleep(1)
GPIO.output(7,GPIO.LOW)
print("LEDoff")
sleep(1)
TrafficLight:
importRPi.GPIOasGPIO
importtime
try:



GPIO.setup(ledGreen,GPIO.OUT)
GPIO.setup(ledYellow,GPIO.OUT)
GPIO.setup(ledRed,GPIO.OUT)whileTrue:
input_state=GPIO.input(button)
ifinputstate-False:
print('ButtonPressed')lightTraffic(ledGreen,ledYellow,ledRed,1)
else:
GPIO.output(ledGreen,0)
GPIO.output(ledYellow,0)GPIO.output(ledRed,0)
exceptKeyboardInterrupt:
print"You'veexitedtheprogram"
finally:

GPIO.cleanup()