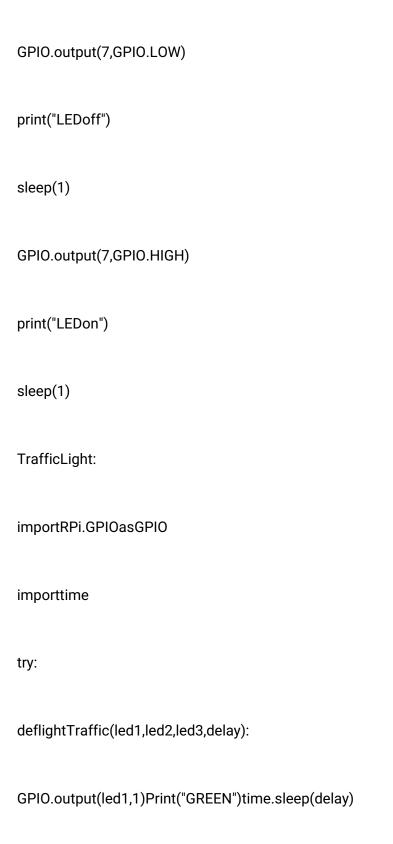
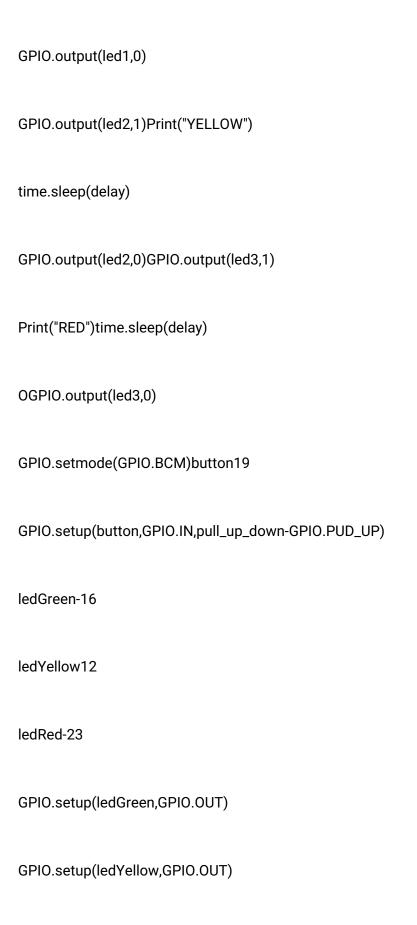
Assignment Date	11-10-2022
Student name	Yukesh kiran.M
Student roll number	412319106014

ASSIGNMENT-3	
PYTHONPROGRAMMING	
Question:	
Write python code for blinking LED and Traffic li	ghts for Raspberrypi.
BlinkingLed:	
importRPI.GPIOasGPIO	
fromtimeimportsleep	
GPIO.setwarnings(False)	
GPIO.setmode(GPIO.BOARD)	
GPIO.setup(7,GPIO.OUT,initial=GPIO.LOW)	
whileTrue:	





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()