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| Assignment Date | Nov 3 2022 |
| Student Name | Manoj M |
| Student Roll Number | 717819F226 |
| Maximum Mark | 2 Mark |

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

**Blinking LED:**

**import RPi.GPIO as GPIO from time import sleep** GPIO.setwarnings(False) GPIO.setmode(GPIO.BOARD)

GPIO.setup(8, GPIO.OUT, initial=GPIO.LOW)

**while True:**

GPIO.output(8, GPIO.HIGH)

sleep(1)

GPIO.output(8, GPIO.LOW)

sleep(1)

**Traffic Light:**

**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)