**Assignment - 3**

Raspberry pi

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| Assignment Date | 07 October 2022 |
| Student Name | Mr. Mani Kandan |
| Student Roll Number | 910819106004 |
| Maximum Marks | 2 Marks |

**Question-1:**

Write python code for blinking LED and Traffic lights for Raspberry pi. Only python code is enough, no need to execute in raspberry pi. Note: you are allowed to use web search and complete the assignment.

**Solution:**

**Code:**

import RPi.GPIO as GPIO  
import time  
  
LED\_PIN = 17  
  
GPIO.setmode(GPIO.BCM)  
GPIO.setup(LED\_PIN, GPIO.OUT)  
  
GPIO.output(LED\_PIN, GPIO.HIGH)  
time.sleep(1)  
GPIO.output(LED\_PIN, GPIO.LOW)  
  
GPIO.cleanup()