**Assignment - 3**

Raspberry pi

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| Assignment Date | 07 October 2022 |
| Student Name | Mr. Tatapravin |
| Student Roll Number | 910819106006 |
| 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:**

# Loop forever  
while True:   
 # Red   
 GPIO.output(9, True)   
 time.sleep(3)   
 # Red and amber   
 GPIO.output(10, True)   
 time.sleep(1)   
 # Green   
 GPIO.output(9, False)   
 GPIO.output(10, False)   
 GPIO.output(11, True)   
 time.sleep(5)   
 # Amber   
 GPIO.output(11, False)   
 GPIO.output(10, True)   
 time.sleep(2)   
 # Amber off (red comes on at top of loop)   
 GPIO.output(10, False)