**ASSIGNMENT 3**

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| Assignment date | 03 November 2022 |
| Student name | Sridhar N |
| Student roll no | 732919ECR136 |
| Maximum marks | 2 marks |

Write python code for blinking LED and traffic lights for Raspberry Pi

import time

import RPi.GPIO as GPIO

GPIO.setmode(GPIO.BOARD)

GPIO.setup(11, GPIO.OUT)

GPIO.setup(12, GPIO.OUT)

GPIO.setup(13, GPIO.OUT)

while True:

GPIO.output(11,True) ## Turn on redLed

time.sleep(1) ## Wait for one second

GPIO.output(11,False) ## Turn off redLed

time.sleep(1) ## Wait for one second

GPIO.output(12,True) ## Turn on yellowLed

time.sleep(1) ## Wait for one second

GPIO.output(12,False) ## Turn off yellowLed

time.sleep(1) ## Wait for one second

GPIO.output(13,True) ## Turn on greenLed

time.sleep(1) ## Wait for one second

GPIO.output(13,False) ## Turn off greenLed

time.sleep(1) ## Wait for one second