**Assignment -3**

Python Programming

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| Assignment Date | 03October 2022 |
| Student Name | Mr KANNAN S A |
| Student Roll Number | 732919ECR059 |
| Maximum Marks | 2 Marks |

**Question 1:**

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

**Solution:**

Coding:

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