**ASSIGNMENT -3**

Python Programming

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| Assignment Date | 19 October 2022 |
| Student Name | Riveka M S |
| Student Roll Number | 19CS119 |
| Maximum Marks | 2 Marks |

**QUESTION-1:**

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

**SOLUTION:**

import RPi.GPIO as GPIO

import time

import signal

import sys

GPIO.setmode(GPIO.BCM)

GPIO.setup(9, GPIO.OUT)

GPIO.setup(10, GPIO.OUT)

GPIO.setup(11, GPIO.OUT)

while True:

# Red On

GPIO.output(9, True)

time.sleep(2)

# Red Off

GPIO.output(9, False)

time.sleep(2)

# Yellow On

GPIO.output(10, True)

time.sleep(2)

# Yellow Off

GPIO.output(10, False)

time.sleep(2)

#Green On

GPIO.output(11, True)

time.sleep(2)

#Green Off

GPIO.output(11, False)

time.sleep(2)