**Assignment -3**

Python Programming

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| Assignment Date | 30 September2022 |
| Student Name | G.P.Vishnu prakash |
| Student Roll Number | 910619106068 |
| Maximum Marks | 2 Marks |

**Question-1:**

Write Python Code for blinking LED and traffic lights for Raspberry pi(Only python code)

import time

import RPi.GPIO as GPIO

Red,Green,orange = 10,11,12

GPIO.setwarnings(False)

GPIO.setmode(GPIO.BCM)

GPIO.setup(Red, GPIO.OUT)

GPIO.setup(Green, GPIO.OUT)

GPIO.setup(orange, GPIO.OUT)

while True:

GPIO.output(Red, GPIO.HIGH)

time.sleep(18)

GPIO.output(Red, GPIO.LOW)

GPIO.output(orange, GPIO.HIGH)

time.sleep(5)

GPIO.output(orange, GPIO.LOW)

GPIO.output(Green, GPIO.HIGH)

time.sleep(18)

GPIO.output(Green, GPIO.LOW)

GPIO.output(orange, GPIO.HIGH)

time.sleep(5)

GPIO.output(orange, GPIO.LOW)