**Assignment -3**

Raspberry Pi using Python code

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| Assignment Date | 26 September 2022 |
| Student Name | Mr. M.Vishnu |
| Student Roll Number | 911019104033 |
| Maximum Marks | 2 Marks |

**Question-1:**

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

Solution code:

from machine import Pin  
from time import sleep  
led\_red = Pin(23, Pin.OUT)  
led\_yellow = Pin(22, Pin.OUT)  
led\_green = Pin(21, Pin.OUT)  
while True:  
 led\_red.value(1)  
 led\_yellow.value(0)  
 led\_green.value(0)  
 sleep(3)  
 led\_yellow.value(1)  
 led\_red.value(0)  
 led\_green.value(0)  
 sleep(2)  
 led\_green.value(1)  
 led\_yellow.value(0)  
 led\_red.value(0)  
 sleep(4)  
 led\_yellow.value(1)  
 led\_red.value(0)  
 led\_green.value(0)  
 sleep(2)

