**Assignment -3**

PYTHON PROGRAMMING

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| Assignment Date | 02 october 2022 |
| Student Name | **Ms. GAYATHRI S** |
| Student Roll Number | **911019106003** |
| Maximum Marks | 2 Marks |

**Question-1:**

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

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| **Solution:** |

**PROGRAM:**

import RPi.GPIO as GPIO

from time import sleep

GPIO.setmode(GPIO.BOARD)

red=7

yellow=11

green=13

GPIO.setup(red, GPIO.OUT)

GPIO.setup(yellow, GPIO.OUT)

GPIO.setup(green, GPIO.OUT)

while True:

GPIO.output(red, True)

sleep(3)

GPIO.output(red, False)

GPIO.output(yellow, True)

sleep(1)

GPIO.output(yellow, False)

GPIO.output(green, True)

sleep(3)

GPIO.output(green, False)

GPIO.cleanup()

