**Assignment -3**

Python Programming

|  |  |
| --- | --- |
| Assignment Date | 06 October 2022 |
| Student Name | R.Monish |
| Student Roll Number | 710019106028 |
| Maximum Marks | 2 Marks |

**Question-1:**

Write a python code for LED BLINKING using Rasperrypi

|  |
| --- |
| **Solution:** |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |  |

void setup()

{

**Serial**.begin(9600);

  pinMode(26,OUTPUT);

}

void loop()

{

  digitalWrite(26,HIGH);

**Serial**.println("LED is ON");

  delay(1000);

  digitalWrite(26,LOW);

**Serial**.println("LED is OFF")

  delay(1000);

}

**Question-2:**

Write python code for Traffic lights for Rasperry pi

void setup()

{

**Serial**.begin(9600);

  pinMode(21,OUTPUT);

  pinMode(20, OUTPUT);

  pinMode(19, OUTPUT);

}

void loop()

{

  digitalWrite(21,HIGH);

  delay(5000);

  digitalWrite(21,LOW);

  digitalWrite(20,HIGH);

  delay(5000);

  digitalWrite(20,LOW);

  digitalWrite(19,HIGH);

  delay(5000);

  digitalWrite(19,LOW);

}