**Assignment no : 03 Python Code for Blinking LED andTraffic lights for Raspberry pi.**

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| **Date :** | 11 October 2022 |
| **Team ID :** | PNT2022TMID47589 |
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| **Maximum Marks :** | 2 Marks |

**Program:**

#let us start

import time # needed for the delay/sleep function

from machine import Pin

led1 = Pin(5,Pin.OUT) #LED is Connected to pin 5 of ESP32

led2 = Pin(4,Pin.OUT) #LED is Connected to pin 4 of ESP32

led3 = Pin(2,Pin.OUT) #LED is Connected to pin 2 of ESP32

whileTrue:

  led1.value(1)# to turn the LED ON

  time.sleep(0.5)

  led1.value(0)# to turn the LED OFF

  time.sleep(0.5)

  led2.value(1) # to turn the LED ON

  time.sleep(0.5)

  led2.value(0)# to turn the LED OFF

  time.sleep(0.5)

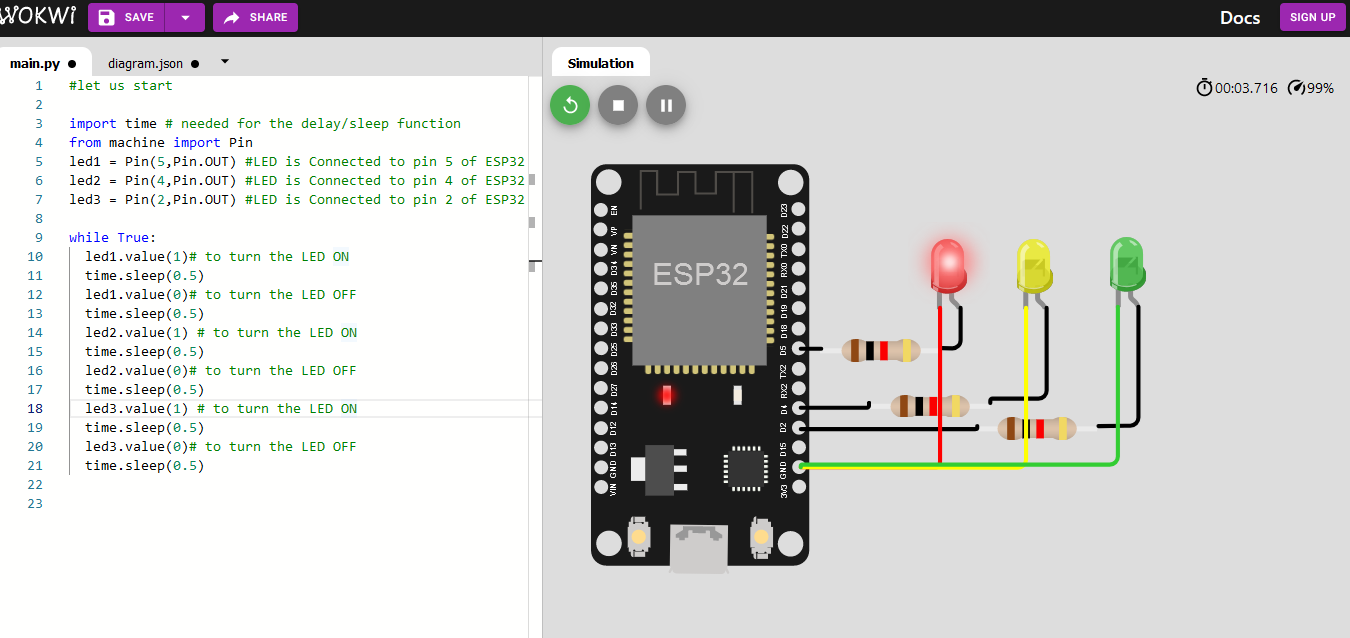
  led3.value(1) # to turn the LED ON

  time.sleep(0.5)

  led3.value(0)# to turn the LED OFF

  time.sleep(0.5)

**Output :**

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