

PYTHON CODE

```
import serial
import time
serialStringData = ""

serialPort = serial.Serial(port = "COM2", baudrate = 9600, bytesize =8,
timeout =2, stopbits = serial.STOPBITS_ONE)
serialPort.close()
serialPort.open()

print("Press 1 for Red LED, 2 for Yellow LED and 3 for Green LED or 0 to
Turn Off LEDs\r\n")
while(1):
    PressedNumber = input("Enter 1, 2 or 3 otherwise 0")
    if(serialPort.in_waiting > 0):
        if(PressedNumber == '1'):
            serialPort.write(b'1')
            time.sleep(3)
        if(PressedNumber == '2'):
            serialPort.write(b'2')
            time.sleep(3)
        if (PressedNumber == '3'):
            serialPort.write(b'3')
            time.sleep(3)
        else:
            serialPort.write(b'0')
            time.sleep(3)
serialPort.close()
```

FINAL PYTHON CODE

```
import serial

import time

serialStringData = ""

serialPort = serial.Serial(port = "COM2", baudrate = 9600, bytesize = 8, timeout = 2, stopbits =
serial.STOPBITS_ONE)

serialPort.close()

serialPort.open()

print("Press 1 for Red LED, 2 for Yellow LED and 3 for Green LED or 0 to Turn Off LEDs\r\n")

while(1):

    PressedNumber = input("Enter 1, 2 or 3 otherwise 0")

    if(serialPort.in_waiting > 0):

        if(PressedNumber == '1'):

            serialPort.write(b'1')

            time.sleep(3)

        if(PressedNumber == '2'):

            serialPort.write(b'2')

            time.sleep(3)

        if (PressedNumber == '3'):

            serialPort.write(b'3')

            time.sleep(3)

        else:

            serialPort.write(b'0')

            time.sleep(3)

serialPort.close()
```