

Milestone Two Questions – UART GPIO Lab

- How does the macro `UART_DATA_BINARY` impact the UART?

The macro `UART_DATA_BINARY` impacts the UART by specifying how the data is treated, and it is treated as binary rather than text.

- How does the macro `UART_RETURN_FULL` impact the UART?

The macro `UART_RETURN_FULL` impacts the UART by how it handles read operations in the way that when it is set, it check the `UART_read()` function and returns only when the number of bytes requested has been received.

- What driver call would you use to write 10 characters out of the UART?

```
UART_write(uart, buffer, 10);
```

- What is the driver call to turn off LED 0?

```
GPIO_write(CONFIG_GPIO_LED_0, CONFIG_GPIO_LED_OFF);
```

- What is the UART baud rate?

```
uartParams.baudRate = 115200;
```