**3-2 Milestone Two Submission**

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CS-350 Emerging Sys Arch & Tech

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1. The macro UART\_DATA\_BINARY impacts the UART effects how data is handled with the UART interface. With UART\_DATA\_BINARY, data is able to be passed as it without processing making it easier to transfer raw data.
2. The macro UART\_RETURN\_FULL impacts the UART by waiting to perform an execution when the read buffer is full. Waiting for the read buffer to be filled ensures data can be handled up to the buffer’s size.
3. The driver that is being call to write 10 characters out of the UART is the UART\_write().
4. The driver call to turn off LED 0 is GPIO\_write(CONFIG\_GPIO\_LED\_0, CONFIG\_GPIO\_LED\_OFF);
5. The UART baud rate is 115200. This means that there are 115200 bits per second if each baud was equal to one bit.