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**CS-350 Emerging Sys Arch & Tech**

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**3-2 Milestone Two Submission**

* **How does the macro UART\_DATA\_BINARY impact the UART?**

The macro UART\_DATA\_BINARY configures the UART driver to handle data as raw binary instead of processing it as textual data

* **How does the macro UART\_RETURN\_FULL impact the UART?**

The macro UART\_RETURN\_FULL modifies the read behavior of the UART driver. When set, the driver will only return data after the entire buffer is filled.

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

The driver call to write 10 characters out of the UART is UART2\_write(uart, charinput, 10, NULL); where charinput is an array of 10 characters.

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

The driver calls to turn off the LED is GIOP\_write(ONFIG\_GPIO\_LED\_0, CONFIG\_GPIO\_LED\_OFF)

A close-up of a number

Description automatically generated

* **What is the UART baud rate?**

The UART baud rate is set in the uartParams configuration as 115200

