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

The macro UART\_DATA\_BINARY impacts the UART because the data is being both read and wrote but is not actually processed.

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

The macro UART\_RETURN\_FULL impacts the UART because it means that there is an exchange of data, but no new line is actually added. This particular macro also means that the data is going to be read until after the buffer is completely full.

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

The driver call I would use to write 10 characters out of the UART would be UART\_write(UART, &input, 10);.

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

The driver call to turn off LED 0 is GPIO\_write(CONFIG\_GPIO\_LED\_0, CONFIG\_GPIO\_LED\_OFF);.

* What is the UART baud rate?

The UART baud rate is 115200, which is what is used in this example. The baud rate is the actual rate of any data transfer.