Tenace Crane
ECE5780

Lab 4 Prelab

1. Parallel interfaces send data over several wires at once, and serial interfaces send data over a singular wire. Parallel interfaces have a bit-width and serial interfaces have a bits/data rate.
2. Synchronous systems need a clock to let a receiver know when to sample. Asynchronous systems don't need a clock but instead lets a receiver know when to sample based on virtual clocks or estimations.
3. They interpret the bits and turn them into useful data. Depending on complexity, it can do a lot of things like acknowledge communication and assign addresses.
4. The baud rate represents the number of bits per second that the sender transmits.
5. USART_CR1
6. It connects to the (RX) of the STM32F0