

# **DMA Assignment**

1. Set up a UART communication between two devices (e.g., microcontrollers) using DMA for data transmission and reception
2. Implement error detection (e.g., parity errors) and handling during UART communication with DMA.
3. Collect data from a sensor over UART using DMA.
4. Implement full-duplex communication (simultaneous transmit and receive) between two devices using UART and DMA.
5. Receive a data from serial monitor using UART by using DMA Method.