

Lab2- Exercise

1. Develop two processes that communicate using IPC Message Queues, where:
 1. Sender Process: Requests a binary "dataword" from the user and sends it via a message queue.
 2. Receiver Process: Computes the "codeword" by appending a Vertical Redundancy Check (VRC) bit and sends it back.

2. Develop two processes that communicate using IPC Message Queues, where:
 1. Sender Process: Request a Decimal Number as a word from the user and send it via a message queue.
 2. Receiver process : Computes its equivalent Binary, Octal and Hexa Decimal and finally append them with a space and sends it back to sender process

3. Develop two processes that communicate using IPC Shared Memory, where:
 1. Writer Process : Writes a paragraph into the shared memory
 2. Reader Process : Reads the paragraphs and displays the total number of Vowels, Consonants, Spaces and Sentences