

Experiment-2

1. Implement the data link layer framing method “Byte Count”.
2. A k -bit stream is transmitted by the sender using the standard Cyclic Redundancy Check (CRC) method. The generator polynomial is $x^m + x + 1$, where $m < k$. Show the actual bit string transmitted. Suppose that the one bit in the bit stream is inverted during transmission. Show that this error is detected at the receiver’s end.