

Project Report

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- Introduction Implemented Line coding encoder and scrambler with digital data generator.
 - Digital data generator: generated completely random data sequence.
 - Line coding schemes implemented: NRZ-L, NRZ-I, Manchester, Differential Manchester, AMI.
 - Scrambling schemes: B8ZS, HDB3.
 - Implemented Line Coding Decoder.
 - Calculated longest possible Palindrome Subsequence Length.
- LANGUAGE: Java
- Result

Digital data stream given, longest palindrome in that data stream, digital signal produced and in case of scrambling, scrambled signal produced and implemented Line coding Decoder.
- SOURCE

Googled for graphics
- ASSUMPTIONS

We have only considered positive logic.