

Line Encoding Techniques

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1 Project Specifications

1.1 Description

Encoding is the process of converting the data or a given sequence of characters, symbols, alphabets etc., into a specified format, for the secured transmission of data. Decoding is the reverse process of encoding which is to extract the information from the converted format.

1.2 Encoding Techniques

There are various encoding techniques like NRZ-L, NRZ-I, Differential Manchester etc. For implementing these various techniques we need special to add a special library in our cpp compiler that is OPENGGL. This library is used for getting graphical outputs like line segments and other things. This code is made available in cpp language. For better understanding of this project you need to have the basic knowledge of the different line encoding techniques and also the basics of the OPENGGL library of cpp. You can go through the following references basics.

1.3 References

<https://www.geeksforgeeks.org/getting-started-with-opengl/>
<https://www.geeksforgeeks.org/digital-electronics-difference-unipolar-polar-bipolar-line-coding-schemes/>

1.4 Project Guide

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