NAME   :   IMRAN ALI

ROLL NO   :   110855

SEMESTER :   THIRD

DEPARTMENT : INFORMATION TECHNOLOGY

TOPIC   :   line coding
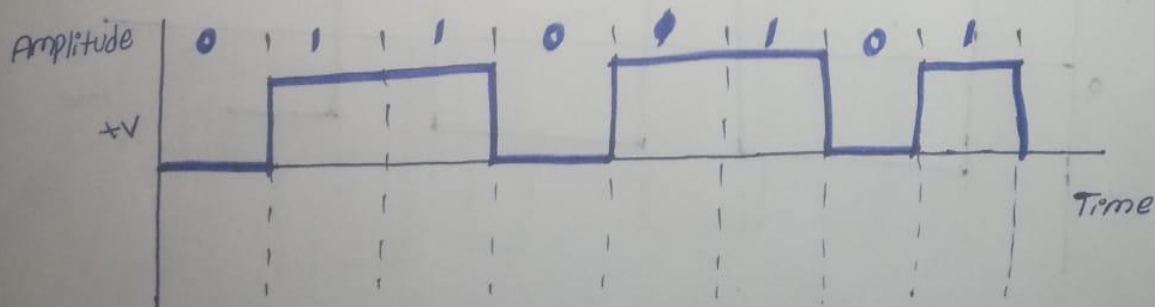
SUBMITTED TO : MISS SAHRISH KHAN
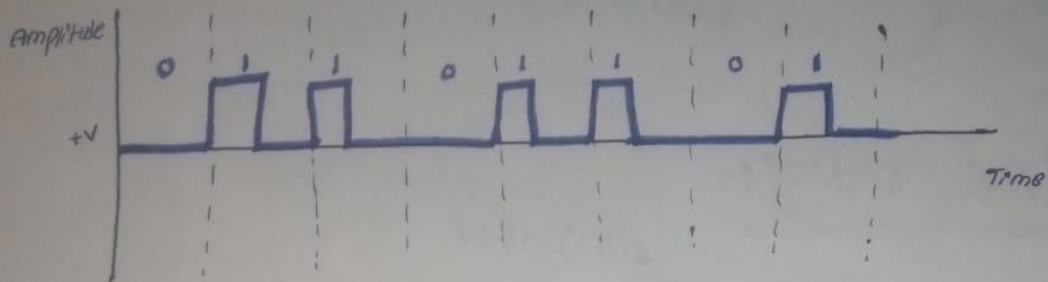
Digital to Digital conversion.

Line coding:-

* Unipolar
* Polar
* Bipolar
* Manchester
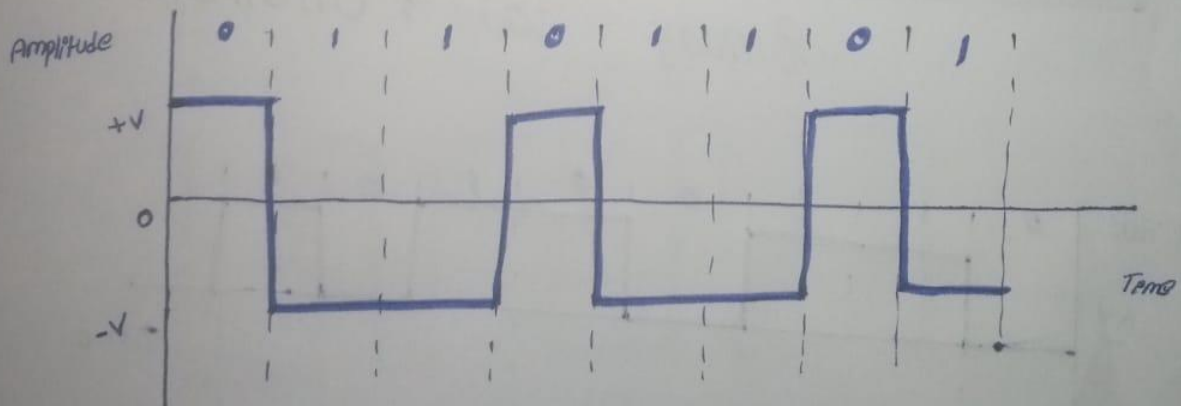* Differential manchester.

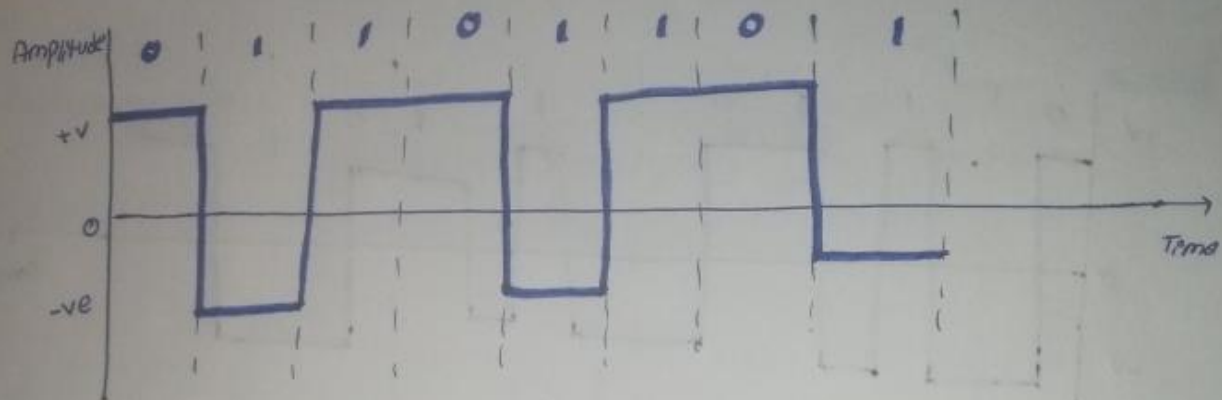## Unipolar (NRZ):-

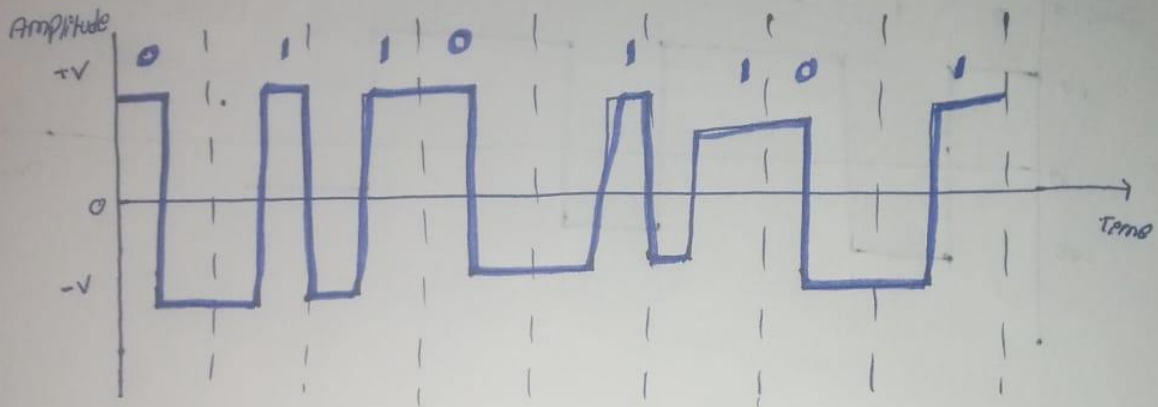Binary code : 01101101
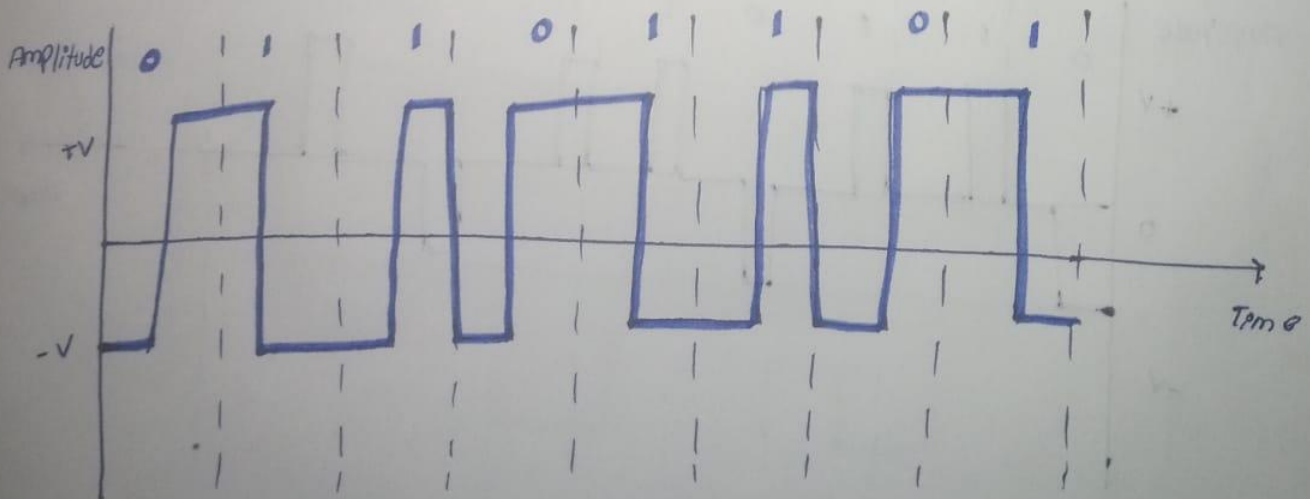
unipolar RZ:

Polar

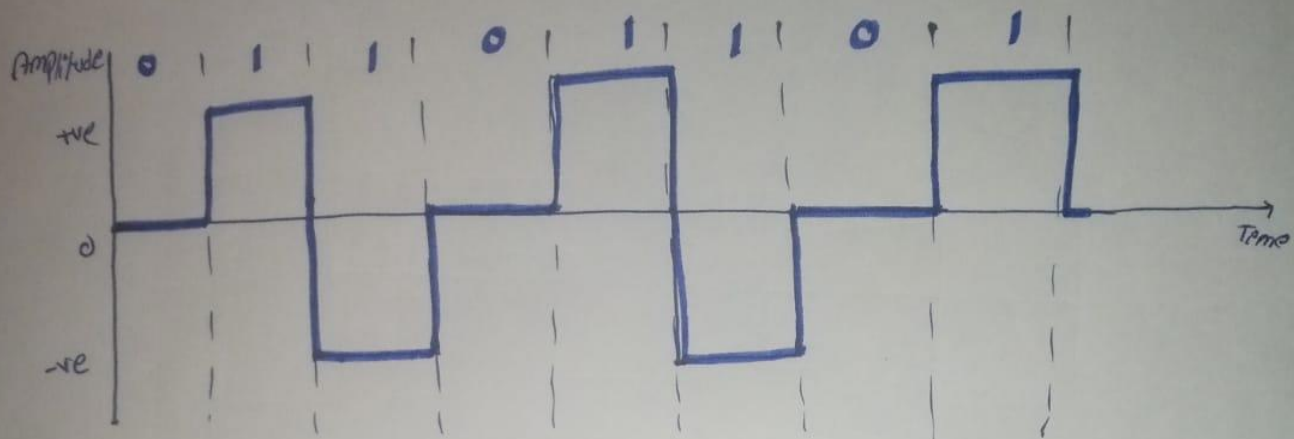# Polar (NRZ-L):

Polar (NRZ-I) :-

Polar RZ :-

Manchester

Amplitude

0   1   1   0   1   0   1

+V

0

−V

Time

Differentional manchester

Amplitude

0   1   1   0   1   1   0   1

+V

−V

Time

ce (Bipolar) ba

AMI :-

Pseudoternary:-