

## Assignment – 2

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**Branch:** BE-CSE (LEET)  
**Semester:** 4th  
**Subject Name:** Computer Network

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**Section/Group:** 809/A  
**Date of Performance:** 02/04/2022  
**Subject Code:** 20CSP-256

### 1. Aim/Overview of the practical:

Construct an example to explain the parity check method used for error detection.

### Theories:

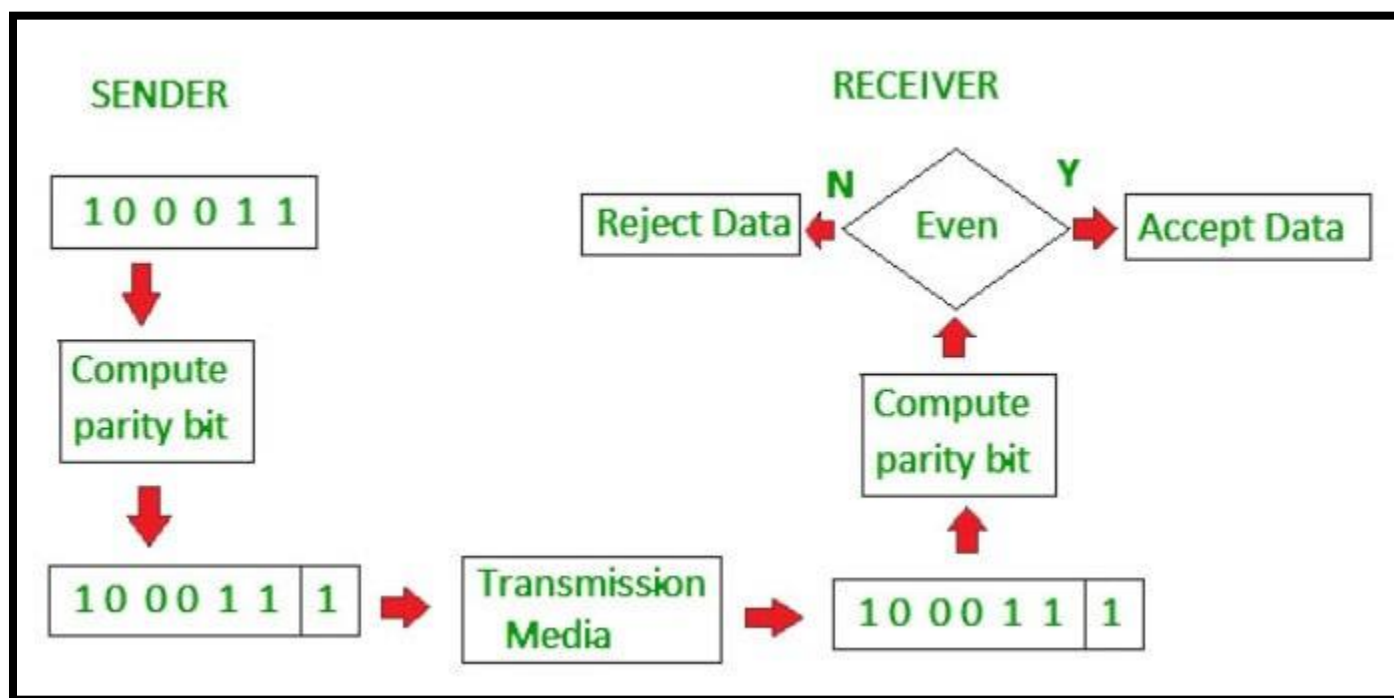
#### Parity check:

Blocks of data from the source are subjected to a check bit or parity bit generator form, where parity of:

1 is added to the block if it contains an odd number of 1's, and

0 is added if it contains an even number of 1's

This scheme makes the total number of 1's even, that is why it is called even parity checking.



**Evaluation Grid (To be created as per the SOP and Assessment guidelines by the faculty):**

| Sr. No. | Parameters | Marks Obtained | Maximum Marks |
|---------|------------|----------------|---------------|
| 1.      |            |                |               |
| 2.      |            |                |               |
| 3.      |            |                |               |
|         |            |                |               |