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2) ~~Parity check~~ - ~~by~~ errors could be detected by using the following methods:

~~Parity Check~~ **Parity Check** - the data transmitted could be verified by adding a parity bit to the data packet. A parity can be odd, even, or none

Eg: 101001 1
 ↑
 Parity bit

This is an example of an even parity bit, the total number of 1's in the data including the parity bit is even.

Same case for odd.

When the data arrives at its destination, the parity bit is checked against the original, if there's a mismatch, then an error has been detected.

CRC - Cyclic Redundancy Check

this occurs when a data packet is divided into sections, ^{some of} these sections are transmitted.

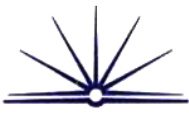
And then the remainder sections are transmitted. At

the receiving end, if the sections are joined

"specialised" stores for a particular area.

c) This is an example of ^{& unethical} pointless ~~gossiping~~ ^{gossiping}. This will create and deepen employee tension and ~~relationships~~ ^{jeopardise relationships} among workers.

~~Also~~ John could somehow gain access to the email system, ~~as~~ (or anybody else) and if they read this message, there could be enormous complications. This is also a violation of privacy of the employee. Tension between employees could lead to a lack of motivation, therefore a lack of ~~productivity~~ ^{productivity}. The actual process of emailing ~~is~~ ^{is}



employees could be seen as wasting time.

Employees could be using their working time to email.

The fact that Pat and Sam ^{work} have their own internal email accounts and John doesn't can be seen as a disadvantage for John. This is unfair (although we do not know the reason for this.)