

1. **Kansas City Standard:** Kansas City standard is a protocol for storing data on compact audio cassettes. The data can be transferred at 300 – 2400 baud. It was created in 1976 as a way to inexpensively store data for consumer use.
2. **Parity bit:** is used as a check in a binary value, they are calculated so that the number of 1s in the value plus the parity bit are even.
3. The string 10111010 has an error in it. The string has 5 1s in the string which means it is not right since the parity bit plus the 1s must be an even number but in this string it is not.