

03:25

CRC GENERATION AT SENDER SIDE

1. Find the length of the divisor 'L'.
2. Append 'L-1' bits to the original message.
3. Perform binary division operation.
4. Remainder of the division = CRC.

Note:

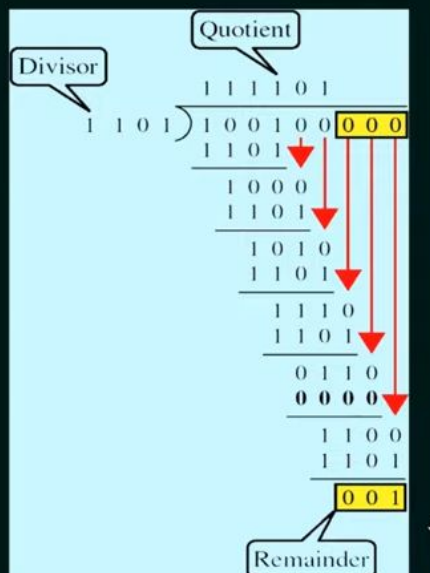
The CRC must be of L-1 bits.

A	B	A XOR B
0	0	0
0	1	1
1	0	1
1	1	0

NESO ACADEMY

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CRC

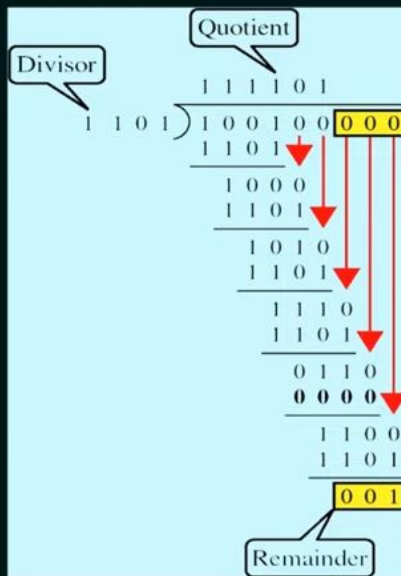


NESO ACADEMY

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CRC



CRC: 001

Data Transmitted: 100100001

CRC

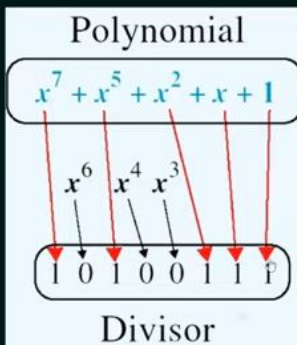
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HOMEWORK

Find the CRC for 110010101 with the divisor x^3+x^2+1 ?

Hint:



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