

Introduction to Bit Manipulation [Theory]

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Check if the i-th bit is set or not

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Check if a number is odd or not

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Check if a number is power of 2 or not

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Count the number of set bits

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Set/Unset the rightmost unset bit

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Swap two numbers

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Divide two integers without using multiplication, division and mod operator

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Count number of bits to be flipped to convert A to B

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Find the number that appears odd number of times

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Power Set

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Find xor of numbers from L to R

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Find the two numbers appearing odd number of times

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Print Prime Factors of a Number

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All Divisors of a Number

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Sieve of Eratosthenes

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Find Prime Factorisation of a Number using Sieve

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Power(n, x)

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