Bit Manipulation September
Wednesday, September 15th, 2021

Bit manipulation

① Graphics embedded binary 0, 1

① Identifier

② Bitwise Operations

③ Bitwise Operations

④ x & x - 1

Set bit

Clear bit

Toggle bit

Check if power of 2

Check if odd or even

Multiply by 2

Multiply by 4

Divide by 2

Divide by 4

Modulo operation

Swap two numbers

Find the max of two numbers

Find the absolute value of a number

Find the sign of a number

Check if two numbers have opposite signs

Find the average of two numbers

Find the parity of a number

Count the number of set bits

Reverse the bits

Find the next power of two

Find the previous power of two

Find the next power of two

Find the previous power of two

Find the next power of two

Find the previous power of two