Two's Complement

BIT	INTEGER
00000000	0
00000001	1
00000010	2
11111111	-1
11111110	-2
11111101	-3

VERY IMPORTANT

A NUMBER FORMAT

A system for representing signed integers in computers. Using x bits we could represent 2^x numbers.

For example, 32 bits represent 4294967296 numbers, 64 bits 18446744073709551616, and so on.

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BIT	INTEGER
00000000	0
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^ inverts the bits

11111110