Sign Extend

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⟳ Status	Not started

Input (Bin)	Output (Bin)	Explanation
`1001000010`	`11111111111111111111111001000010`	Input MSB (`1`) indicates a negative number. The higher bits (`10` to `31`) are extended with `1` to preserve the sign.
`0010100001`	`00000000000000000000000010100001`	Input MSB (`0`) indicates a positive number. The higher bits (`10` to `31`) are extended with `0` to preserve the sign.