Qs- <https://leetcode.com/problems/reverse-bits/>

Video help link- <https://youtu.be/UcoN6UjAI64>

**Example 1:**

**Input:** n = 00000010100101000001111010011100

**Output:** 964176192 (00111001011110000010100101000000)

**Explanation:** The input binary string **00000010100101000001111010011100** represents the unsigned integer 43261596, so return 964176192 which its binary representation is **00111001011110000010100101000000**.

**Example 2:**

**Input:** n = 11111111111111111111111111111101

**Output:** 3221225471 (10111111111111111111111111111111)

**Explanation:** The input binary string **11111111111111111111111111111101** represents the unsigned integer 4294967293, so return 3221225471 which its binary representation is **10111111111111111111111111111111**.

Explanation

Pick up 0th bit from n

(n>>i)&1 (i is 0)

(n>>0)&1

Put it at 31st bit of ans

Ans=ans| t<<(31-i ) (i is 0)

Ans=ans| t<<(31)

Pick up 1st bit from n

(n>>i)&1 (i is 1)

(n>>1)&1

Put it at 31st bit of ans

Ans=ans| t<<(31-i ) (i is 1)

Ans=ans| t<<(30 )