

Find first set bit

Easy Accuracy: 52.49% Submissions: 25110 Points: 2

Given an integer an **N**. The task is to return the position of **first set bit found from the right side** in the binary representation of the number.

Note: If there is no set bit in the integer N, then return 0 from the function.

Example 1:

Input: N = 18

Output: 2

Explanation: Binary representation of 18 is 010010, the first set bit from the right side is at position 2.

Example 2:

Input: N = 12

Output: 3

Explanation: Binary representation of 12 is 1100, the first set bit from the right side is at position 3.

Your Task:

The task is to complete the function **getFirstSetBit()** that takes an integer **n** as a **parameter** and **returns** the **position of first set bit**.

Expected Time Complexity: $O(\log N)$.

Expected Auxiliary Space: $O(1)$.

Constraints:

$$0 \leq N \leq 10^8$$

Topic Tags



○ Bit Magic

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