**Binary representation**

Write a program to print Binary representation of a given number N.

**Example 1:**

**Input:**

N = 2

**Output:**

000000000000000000000000000010

**Explanation:**

The binary representation of 2 is '10'

but we need to print in 30 bits so append

remaining 0's in the left.

**Example 2:**

**Input:**

N = 5

**Output:**

000000000000000000000000000101

**Explanation:**

The binary representation of 5 is '101'.

**Your Task:**  
You don't need to read input or print anything. Your task is to complete the function getBinaryRep() which takes an Integer N as input parameter and returns a string of size 30 which is the binary representation of N.

**Expected Time Complexity:** O(LogN)  
**Expected Auxiliary Space:** O(1)

**Constraints:**  
1 ≤ N ≤ 10^9

Code :

class Solution

{

public:

string getBinaryRep(int N)

{

// Write Your Code here

string str="";

for(int i=29;i>=0;i--)

{

int num=(N>>i)&1;

str+=to\_string(num);

}

return str;

}

};

Link : <https://www.geeksforgeeks.org/problems/binary-representation5003/1?page=4&difficulty=School&sortBy=submissions>