



KARTHICK B-1912067@nec



0/10



14



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538



6876



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LeaderBoard & Prev Day Solution

DAILY CHALLENGE

ProgramID- 5986



SkillRack

Convert 0's to 1's at Even Position(s)

An integer **N** is passed as the input. The program must change all the bits present at even position(from last bit) to **1** and then print the modified **decimal value** as the output.

Boundary Condition(s): $2 \leq N \leq 500$ **Input Format:**

The first line contains the value of **N**.

Output Format:

The first line contains modified decimal value.

Example Input/Output 1:

Input:

5

Output:

7

Explanation:

The binary value of 5 is 101.

Changing the bits at even position we get 111 = 7.

Example Input/Output 2:

Input:

32

Output:
42

Explanation:

The binary value of 32 is 100000.

Changing the bits at even position we get 101010 = 42.

Max Execution Time Limit: 5000 millisecs



Ambiance



Java (12.0)



Reset

```
1 import java.util.*;
2 public class Hello {
3
4     public static void main(String[] args) {
5         Scanner sc = new Scanner(System.in);
6
7         int n = sc.nextInt();
8
9
10        char[] bin = Integer.toBinaryString(n).toCharArray();
11
12        int k=1;
13        for(int i=bin.length-1;i>=0;i--){
14            if(k++%2==0) bin[i] = '1';
15        }
16
17        // System.out.println(bin);
18
19
20        System.out.println(Integer.parseInt(new String(bin),2)
21    }
22 }
```

1912067@nec

Code did not pass the execution

Input:

5

Expected Output:

7

Your Program Output:

Exception in thread "main" java.lang.ArrayIndexOutOfBoundsException
: Index 3 out of bounds for length 3
at Hello.main(Hello.java:14)

Save

Run