LeaderBoard & Yesterday's Solution(/faces/candidate/leaderboarddailychallenge.xhtml?RT=DAILYCHALLENGE)

Daily Challenge Happy Coding from necse SKILLRACK

Count the 1s in the binary representation

A positive integer N is passed as the input. The program must print the number of 1s in the binary representation of N.

Input Format:
First line contains N.

Output Format:
First line contains the count of 1s in the binary representation of N.

Boundary Conditions:
1 <= N <= 9000000000000000000

Example Input/Output 1:
Input:
22

Output:
3

Explanation:
The binary representation of 22 is 10110. There are three 1s in it.

Max Execution Time Limit: 5000 millisecs

Ambiance

Java (12.0)

```
1  import java.util.*;
2  public class Hello {
3
4      public static void main(String[] args) {
5
6          Scanner sc = new Scanner(System.in);
7          int res = 0 ;
8          char[] s = Long.toBinaryString(sc.nextLong()).toCharArray();
9
10         for(char i : s) res = (i=='1' ? res+1 : res);
11
12         System.out.println(res+"");
13
14     }
15 }
```

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Code did not pass the execution

Input:

9000000000000000000

Expected Output:

22

Your Program Output:

```
Exception in thread "main" java.util.InputMismatchException: For input string: "9000000000000000000"
 at java.base/java.util.Scanner.nextInt(Scanner.java:2264)
 at java.base/java.util.Scanner.nextInt(Scanner.java:2212)
 at Hello.main(Hello.java:8)
```

Save Run