GKSTR12 Multiples of 3, 5 and Both 3 and 5

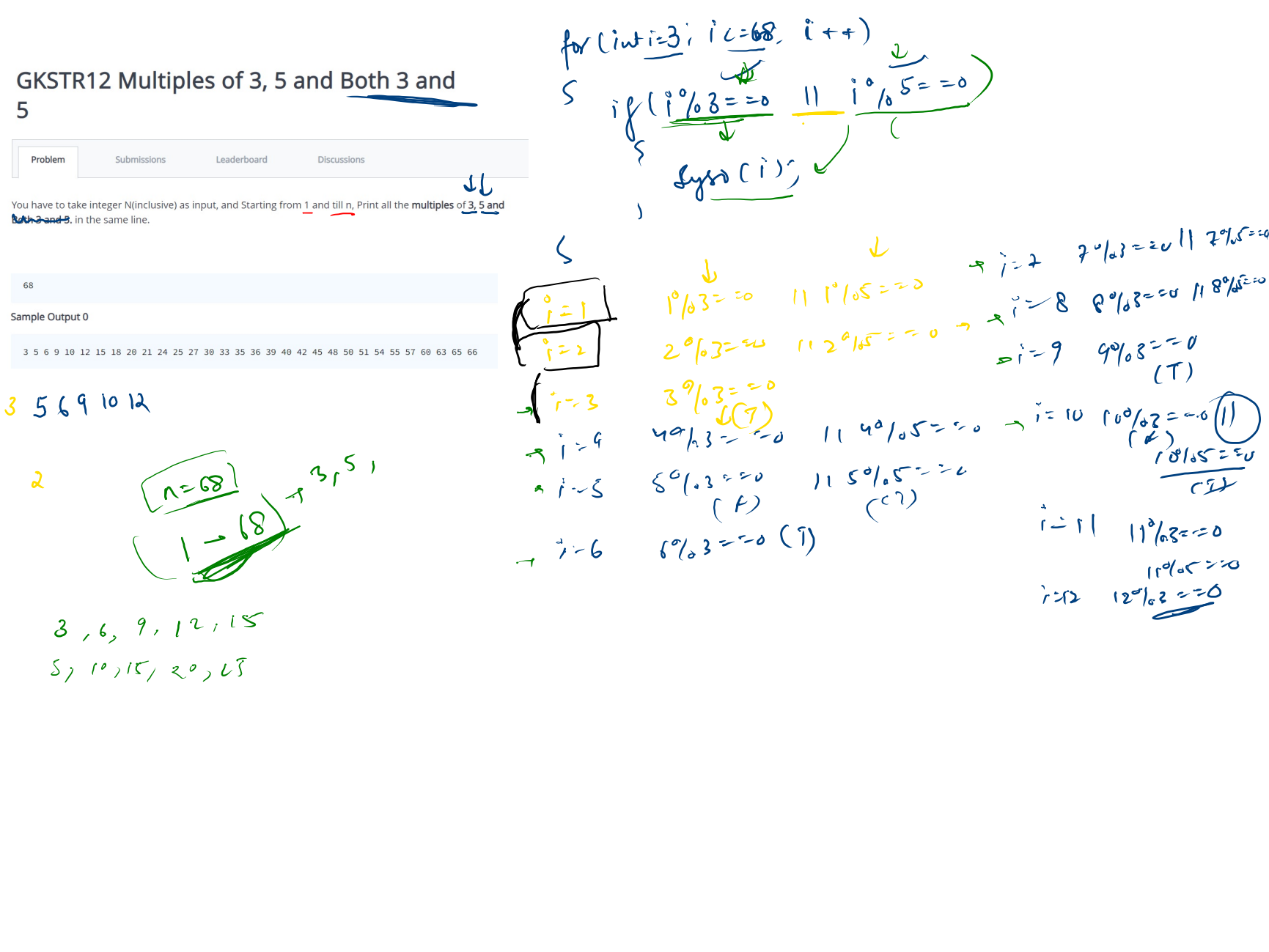
Problem | Submissions | Leaderboard | Discussions

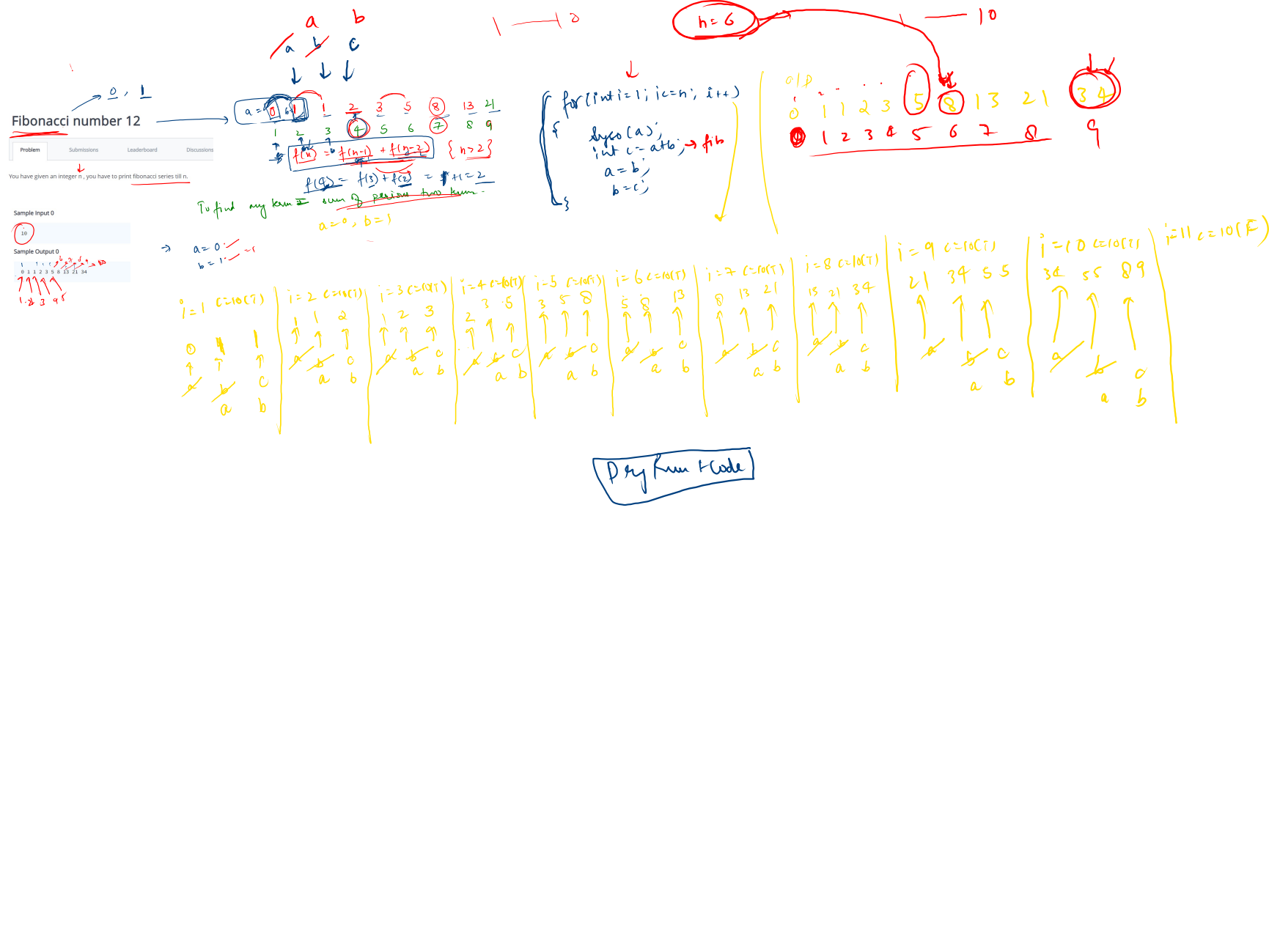
You have to take integer N(inclusive) as input, and Starting from 1 and till n, Print all the **multiples** of 3, 5 and ~~Both 3 and 5~~. in the same line.

```
68
```

Sample Output 0

```
3 5 6 9 10 12 15 18 20 21 24 25 27 30 33 35 36 39 40 42 45 48 50 51 54 55 57 60 63 65 66
```




Fibonacci number 12
Problem
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You have given an integer n , you have to print fibonacci series till n.
Sample Input 0
10
Sample Output 0
0 1 1 2 3 5 8 13 21 34
f(n) = f(n-1) + f(n-2) { n>2
To find my term = sum of previous two term
a=0, b=1
for(int i=1; i<=n; i++)
{
sysout(a);
int c = a+b; → fib
a = b;
b = c;
}
o/p
0 1 1 2 3 5 8 13 21 34
0 1 2 3 4 5 6 7 8 9
n=6
i=1 c=1(T)
i=2 c=1(T)
i=3 c=2(T)
i=4 c=3(T)
i=5 c=5(T)
i=6 c=8(T)
i=7 c=13(T)
i=8 c=21(T)
i=9 c=34(T)
i=10 c=55(T)
i=11 c=89(F)
Dry Run + Code

Steps till n greater than 0

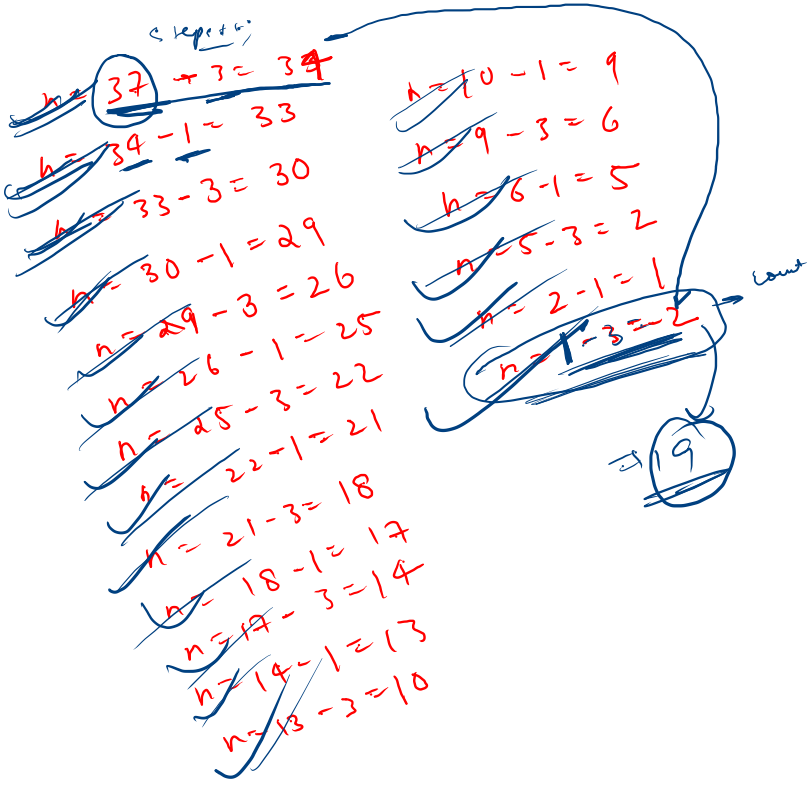
Problem | Submissions | Leaderboard | Discussions

Take an integer input n, and you have to do either of these steps.

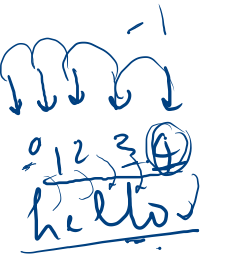
If the number is even subtract 1 from n

and if the number is odd subtract 3 from n.

Keep on performing these steps till the time the value of n is greater than 0. In the end print the total number of steps performed.




```
int i = n;
int steps = 0;
while(i > 0) {
if(i % 2 == 0) { i -= 1; }
else { i -= 3; }
steps++;
}
return steps;
```



str.length() = 5 - 1 = 4

```
for(int i = str.length() - 1 ; i >= 0 ; i--)
{
    char ch = str.charAt(i);
    System.out.print(ch);
}
```

olleh