https://course.acciojob.com/idle?question=8ed93c97-f505-4d0a-8fca-5ed07e16f11a

- EASY
- Max Score: 30 Points
-

Max Consecutive Ones

Given binary array `arr`, find count of maximum number of consecutive 1's present in the array.

Input Format

Input consists of two lines.

First line contains an integer n.

Next line contains n spaced integers that denote the binary array.

Output Format

Print the maximum number of consecutive 1's.

Example 1

Input

```
12
1 1 0 0 1 0 1 0 1 1 1 1
```

Output

```
4
```

Example 2

Input

```
11
0 0 1 0 1 0 1 0 1 0 1
```

Output

```
1
```

Constraints

1 <= n <= 10 ^ 4

Topic Tags

- **Loops**
- **Arrays**

My code

```
// in java
import java.util.*;
import java.lang.*;
import java.io.*;

public class Main
{
	public static void main (String[] args) throws java.lang.Exception
	{
		//your code here
		Scanner s=new Scanner(System.in);
		int n=s.nextInt();
		int c=0;
```

```
            int max=0;
            for(int i=0;i<n;i++)
                {
                    int a=s.nextInt();
                    if(a==1)
                    {
                        c++;
                        if(c>max)
                            max=c;
                    }
                    else c=0;
                }
            System.out.print(max);
        }
}
```