

MAXIMUM NUMBER OF ONE'S

★ In this problem we are supposed to find how many times the number '1' occurs consecutively.

Optimal solution is straightforward where we maintain a maxCounter and a counter. Counter is added to as we keep on seeing 1s and reset when we stop.

Pseudocode:

```
maxConsecutiveOnes(arr, N) {  
    int c = 0, maxC = -1  
    for (int i = 0 → N) {  
        if (arr[i] == 1) {  
            c += 1  
        } else {  
            c = 0  
            maxC = max(maxC, c)  
        }  
    }  
}
```