```c
#include <stdio.h>

int main(){
    // num to store the current number
    // flag to check whether sequence has ended
    // lenSeq to store running length of sequence
    // num0 is running count of numbers of zeros
    int num, flag = 1, lenSeq = 0, num0 = 0;

    // currLen1 stores the length of current run of 1s
    // maxLen1 stores the longest run of 1s seen so far
    int currLen1 = 0, maxLen1 = 0;
    while(flag){
        scanf("%d", &num);
        if(num == -1)
            flag = 0;
        else{
            lenSeq++;
            // A zero was seen - update counter num0
            // Also, this zero could have ended a run of 1s
            // Update if this was longer than previous runs
            if(num == 0){
                num0++;
                // The following 2 lines uselessly run everytime we see a 0
                // Improvement: run these only when we see a 1 followed by 0
                maxLen1 = maxLen1 > currLen1 ? maxLen1 : currLen1;
                currLen1 = 0; // There is no ongoing run of 1s
            }
            else
                currLen1++;
        }
    }
    // Careful, last few ones could be the longest run of 1s
    maxLen1 = maxLen1 > currLen1 ? maxLen1 : currLen1;

    printf("%d\n%d\n%d",lenSeq,num0,maxLen1);
    return  0;
}
```