

Task 2

Write a program reading integers until zero is entered and printing the length of the longest sequence of consecutive numbers of the same value (and this value).

For example, for

```
2 2 2 2 3 3 3 2 6 6 6 0
```

the result should be

```
Longest sequence: 4 times 2
```

for

```
2 2 2 3 3 3 3 3 2 6 6 6 0
```

the result should be

```
Longest sequence: 5 times 3
```

and for

```
2 2 333 333 2 3 -66 -66 -66 0
```

it should be

```
Longest sequence: 3 times -66
```

Do not use arrays, strings or any other kind of collections.

Check your solutions for different cases: when the longest sequence is at the beginning, somewhere in the middle, or at the very end.

Deadline: October 23 (inclusive)

Put your Java file(s), and only Java files, in a directory the name of which is your surname (without Polish or any other non-ASCII characters). Names of Java files are arbitrary, although of course they should correspond to names of classes you created. Zip the whole directory (“from above” — not just the files inside it). Then drop the zip file created in this way into folder “Tasks / Task_XX” of the GAKKO system (where ‘XX’ is the task number).