Algorithm 3.1.33 Find the first term in a sequence of positive integers where its predecessor is the greater value.

```
1: procedure DISORDERED(a_1, a_2, ..., a_n: sequence of positive integers)
2:     for i = 1 to n − 1 do
3:         if a_i > a_{i+1} then
4:             return a_{i+1}, i + 1                    ▷ returns (term, index)
5:         end if
6:     end for
7:     return ⊥                                ▷ All terms are in ascending order.
8: end procedure
```