

CATALYSTS  
CODING  
CONTEST

A pair of hands is shown from the bottom, gently cradling a glowing, semi-transparent globe of the Earth. The globe is illuminated from the right, creating a bright rim light and casting the rest of the planet into deep shadow. The background is a dark, deep blue space filled with numerous small, distant stars and a soft, out-of-focus light source on the right side, creating a bokeh effect. The overall mood is one of care, protection, and global connectivity.

Level 2

Since solar panels can only be placed on flat zones, your next task will be to find the **biggest flat areas**.

Analyze the world and find the **largest sequence of continuous positions** that have the **same altitude**. In case of **multiple answers**, pick the one that **starts at the smaller position**.

Input

$N$   
 $a_0 a_1 a_2 \dots a_{N-1}$

$N$  - length of the world

$a_i$  - altitude of world at position  $i$

$N \leq 10^5$

$a_i < 10^3$

Output

start length

start - **0-based index** at which the flat  
area starts

length - length of the flat area

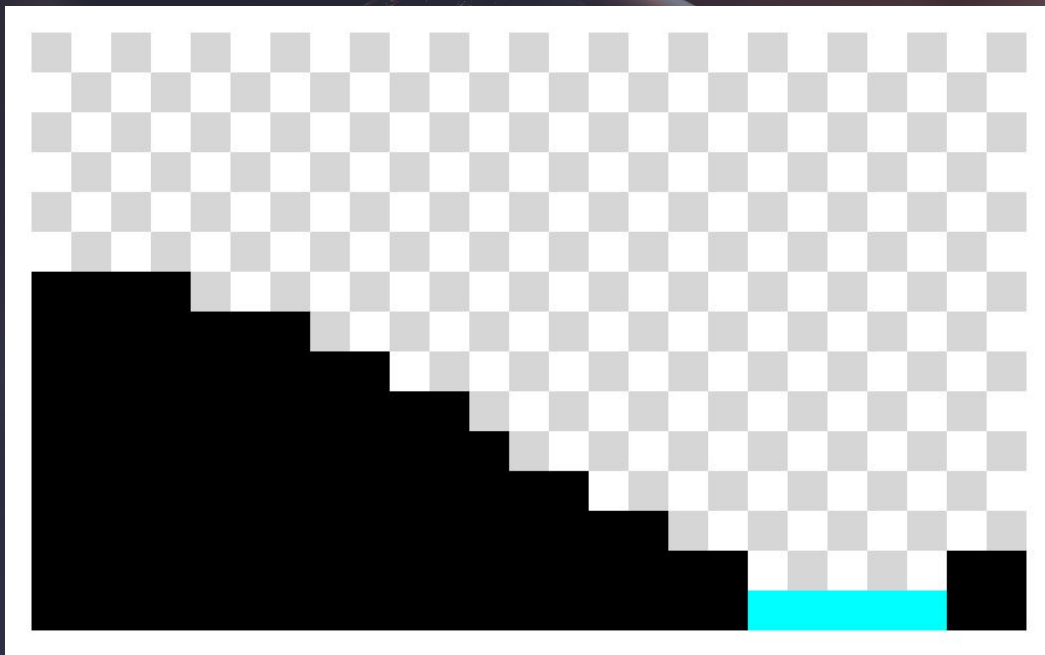


Image representing the given example.  
The cyan squares represent the largest flat area.