# Brothers in the bar

**Problem**

Three brothers walk into a bar. All the beverages are placed in one line at the long bar table. The size of each glass is represented in an array of integers, glasses.

The brothers will drink a round if they can find 3 **consecutive**glasses of the same size. The barman removes the empty glasses from the table immediately after each round.

Find the maximum number of rounds the three brothers can drink.

**nput/Output**

* **[input] array.integer glasses**

The sizes of glasses in the row.

*Guaranteed constraints:*  
1 ≤ glasses.length ≤ 105,  
1 ≤ glasses[i] ≤ 106.

* **[output] integer**
  + The maximum number of rounds the brothers can drink.

**Solution**

1. Read the input and check if there are any errors (the input should be positive numbers with spaces only between them).

2. I make counter for rounds starting from 0 and counter for glasses of the same size starting from 1.(There’s always 1 glass)

3. Starting while loop and check if there is more then 2 glasses.

If they aren’t the program ends with 0 rounds.

4. I start going around the array and check if the current number match the next number.

If the counter for size go to 3, round counter go to 1. But if there’s not third glass of the same size i restart the counter for size and loop continue.

5. Next i remove used glasses from the array and start it over again from the beginning i also restart the counter for consecutive glasses.

6. When there aren’t any more consecutive glasses the program ends.

7. Print the result.