**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 in between them).

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

3. Run “while loop” and check if there are more thаn 2 glasses.If there aren’t any, the program ends with 0 rounds.

4. Start going around the array and check if the current number matches the next number. If the counter for size goes to 3, round counter goes to 1. But if there’s not a third glass of the same size, restart the counter for size and the loop continues.

5. Next, remove the used glasses from the array and run it all over again from the beginning. Restart the counter for consecutive glasses, as well.

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

7. Print the result.