

1h 29m
left

1. AWM | Tickets



ALL



Consider an array of n ticket prices, *tickets*. A number, m , is defined as the size of some subsequence, s , of *tickets* where each element covers an unbroken range of integers. That is to say, if you were to sort the elements in s , the absolute difference between any elements j and $j + 1$ would be either 0 or 1 . Determine the maximum length of a subsequence chosen from the *tickets* array.

Example

1

tickets = [8, 5, 4, 8, 4]

2

Valid subsequences, sorted, are {4, 4, 5} and {8, 8}. These subsequences have m values of 3 and 2, respectively. Return 3.

Function Description

Complete the function *maxTickets* in the editor below.

maxTickets has the following parameter(s):

int tickets[n]: an array of integers

Returns

int: an integer that denotes the maximum possible value of m

Constraints

- $1 \leq n \leq 10^5$
- $1 \leq tickets[i] \leq 10^9$

► Input Format For Custom Testing

▼ Sample Case 0

Sample Input 0

STDIN	Function
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4	→ tickets[] size n = 4
4	→ tickets = [4, 13, 2, 3]
13	
2	
3	