

- 1. How to find the missing number in an integer array of 1 to 100?**
- 2. How to find the largest and smallest number in an unsorted array?**
- 3. How to find repeated numbers in an array if it contains multiple duplicates?**
- 4. Write a program to find the intersection of two sorted arrays in Java?**
- 5. How to find kth smallest element in an unsorted array?**
- 6. How to find kth largest element in an unsorted array?**
- 7. How to find common elements in three sorted arrays?**
- 8. How to find the first repeating element in an array of integers?**
- 9. How to find the smallest positive integer value that cannot be represented as the sum of any subset of a given array?**
- 10. Write a program to find the length of the longest consecutive sequence in an array of integers? (solution)**
- 11. Given an unsorted array of integers, find the length of the longest consecutive elements sequence.**

For example,

Given [100, 4, 200, 1, 3, 2],

The longest consecutive elements sequence is [1, 2, 3, 4].

Return its length: 4.