

DAY-1

Beginner-Track

Topic: Arrays

Complete the first three parts: introduction + inserting items + deleting items (in your preferred language)

1. <https://leetcode.com/explore/featured/card/fun-with-arrays/521/introduction/>
2. [https://leetcode.com/explore/featured/card/fun-with-arrays/525/inserting-items-into-an-array/](https://leetcode.com/explore/featured/card/fun-with-arrays/521/introduction/)
3. [https://leetcode.com/explore/featured/card/fun-with-arrays/526/deleting-items-from-an-array/](https://leetcode.com/explore/featured/card/fun-with-arrays/521/introduction/)

Note: Just go through the link(s), of your preferred language.

C++ : <https://www.programiz.com/cpp-programming/arrays>

Java: <https://www.programiz.com/java-programming/arrays>

Python: <https://pynative.com/python-accept-list-input-from-user/> ,

[https:// www.w3schools.com/python/python\_arrays.asp](http://www.w3schools.com/python/python_arrays.asp)

The above links will browse you through the programming aspects of 1-D arrays.

**DAY-2**

1. Searching for element in an array:

<https://leetcode.com/explore/featured/card/fun-with-arrays/527/searching-for-items-in-an-array/>

1. In place operation(Array):

<https://leetcode.com/explore/featured/card/fun-with-arrays/511/in-place-operations/>

1. Conclusion(Array): <https://leetcode.com/explore/featured/card/fun-with-arrays/523/conclusion/>

**DAY-3**

1. Two-pointer algorithm:

<https://www.geeksforgeeks.org/two-pointers-technique/>

Practice question on the basis of two pointer algorithm:

1. <https://leetcode.com/problems/two-sum/>
2. <https://leetcode.com/problems/two-sum-ii-input-array-is-sorted>
3. <https://practice.geeksforgeeks.org/problems/find-triplets-with-zero-sum/1>
4. <https://leetcode.com/problems/container-with-most-water/>

Lots of problems that were given to you on Day1 and Day2 can be optimized using two pointer algorithm. Try to optimize your previous codes.