

# SPC - DSA Upskilling Series

## Arrays and Strings

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### Introduction

Today's focus is on Arrays and Strings, specifically on Sliding Window and Two Pointers techniques. These patterns are among the most important methods to solve questions from this topic. Please prioritize understanding the core concepts thoroughly.

### Introductory Video

Get a brief overview of the topic from this video: [Introduction Video](#)

### Sliding Window Problems

- **Problem:** [Longest Substring Without Repeating Characters](#)  
**Video Explanation:** [YouTube](#)
- **Problem:** [Max Consecutive Ones III](#)  
**Video Explanation:** [YouTube](#)
- **Problem:** [Number of Substrings Containing All Three Characters](#)  
**Video Explanation:** [YouTube](#)
- **Problem:** [Minimum Window Substring](#)  
**Video Explanation:** [YouTube](#)

### Two Pointers Problems

- **Problem:** [Container with Most Water](#)  
**Video Explanation:** [YouTube](#)
- **Problem:** [3Sum](#)  
**Video Explanation 1:** [YouTube](#) **Video Explanation 2:** [YouTube](#)

## Playlist

You can follow along with this curated playlist for a more in-depth understanding:

[YouTube Playlist](#)

## Additional Easy Problems

Here are some additional easy problems for practice:

- [Valid Palindrome](#)
- [Is Subsequence](#)
- [Merge Sorted Array](#)

## Note

We will continue with more on Sliding Window and Two Pointers techniques tomorrow.

For now, please focus on solving the problems shared above.

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