🚀 14-Day Array Mastery Plan (with Video Resources – Hyperlinked)

Day 1 – Array Fundamentals

Topics

- Array declaration & traversal

- Indexing & length

- Practice: print array, sum, count

🎥 **Video Resources**

- **Love Babbar – Arrays Basics**
  👉 https://youtu.be/n60Dn0UsbEk

- **CodeWithHarry – Array Tutorial (Hindi)**
  👉 https://youtu.be/4pYeB9f_QV0

Day 2 – Min / Max & Basic Logic

Topics

- Largest & smallest element

- Second largest

- Sorted check

🎥 **Video Resources**

- **Apna College – Min & Max in Array**
  👉 https://youtu.be/Kn7dSO-pQtM

- **Jenny's Lectures – Basics of Arrays**
  👉 https://youtu.be/7zRmViWTHW8

Day 3 – Reverse & Rotation

Topics

- Reverse array

- Left & right rotation

🎥 **Video Resources**

- **Take U Forward – Array Rotation**
  👉 https://youtu.be/eB5FMy98BFI

- **CodeHelp – Reverse Array**
  👉 https://youtu.be/qDEfC7tKqDA

Day 4 – Searching Techniques

Topics

- Linear search

- Binary search

🎥 **Video Resources**

- **CodeWithHarry – Linear & Binary Search**
  👉 https://youtu.be/WG3r7sbnFA4

- **Abdul Bari – Binary Search Explained**
  👉 https://youtu.be/P3YID7liBug

Day 5 – Sorting Basics

Topics

- Bubble, Selection, Insertion

- Using sorting to simplify problems

🎥 **Video Resources**

- **Jenny's Lectures – Sorting Algorithms**
  👉 https://youtu.be/P5m9L1tFdmU

- **CodeWithHarry – Sorting Tutorial**
  👉 https://youtu.be/qvzaNWlpZU4

Day 6 – Two Pointer Technique

Topics

- Two pointer idea

- Move zeros, pair sums

🎥 Video Resources

- **Take U Forward – Two Pointers**
    - 👉 https://youtu.be/-2tK83Y1pWs

- **Nick White – Two Pointer Approach**
    - 👉 https://youtu.be/UOiUQ7NU69M

Day 7 – Fixed Sliding Window

Topics

- Window of size K

- Max sum / first negative

🎥 Video Resources

- **Aditya Verma – Sliding Window**
    - 👉 https://youtu.be/qaUbUBO2zGE

- **CodeHelp – Sliding Window Explained**
    - 👉 https://youtu.be/3aEw-CoP2FI

Day 8 – Variable Sliding Window

Topics

- Expand & shrink window

- Sum constraints

🎥 Video Resources

- **Aditya Verma – Variable Sliding Window**
    - 👉 https://youtu.be/3DLwQvg2I6E

- **Take U Forward – Window Patterns**
    - 👉 https://youtu.be/RYK7y2xFI4M

Day 9 – Prefix Sum

Topics

- Prefix array

- Range sum queries

🎥 **Video Resources**

- **Take U Forward – Prefix Sum**
  👉 https://youtu.be/yUXJP9ELvTI

- **CodeHelp – Prefix Sum Intuition**
  👉 https://youtu.be/o4LaU8hf_FY

Day 10 – Prefix Sum + Hashing

Topics

- Subarray sum = K

- Zero sum subarray

🎥 **Video Resources**

- **Aditya Verma – Subarray Sum Using Prefix**
  👉 https://youtu.be/XZnW1Nt1eNE

- **Nick White – Subarray Sum Equals K**
  👉 https://youtu.be/V4oQGqL2ytg

Day 11 – Hashing Basics

Topics

- Frequency counts

- HashMap / HashSet

🎥 **Video Resources**

- **Love Babbar – Hashing in DSA**
  👉 https://youtu.be/8R9u6x0sKDc

- **Take U Forward – Hashing Patterns**
  👉 https://youtu.be/3hFhJgF3sCI

Day 12 – Mixed Medium Problems

Topics

- Longest consecutive subsequence

- Missing number

- Union & intersection

🎥 **Video Resources**

- **Take U Forward – Array Mixed Patterns**
  👉 https://youtu.be/JdpCXjQgxHw

- **CodeHelp – Array Problem Set**
  👉 https://youtu.be/6NZOhM8gyJc

Day 13 – Revision Day

Topics

- Re-solve weak areas

- Sliding window, prefix sum, two pointers

🎥 **Video Playlists**

- **Aditya Verma – DSA Patterns Playlist**
  👉
  https://www.youtube.com/playlist?list=PLi9RQVmJD2fYJ1lWP2XduqElM4WpEXf5o

- **Take U Forward – DSA Patterns**
  👉 https://www.youtube.com/playlist?list=PLgUwDviBIf0pMF3zWJ2H6JvI1z7t0VQH3

Day 14 – Mock Test Day

Topics

- Solve 5–6 array problems (timed)

- Analyze mistakes

🎥 **Bonus Practice**

- **GFG Array Playlist**
  👉
  https://www.youtube.com/playlist?list=PLqM7alHXFySEQDk2W6JH2drfSG3F6XGdM

- **CodeStudio Array Playlist**

  👉 https://www.youtube.com/playlist?list=PLgUwDviBIf0qxlsnql5W5d5XjYnEZd9CO