

You have to complete this to be ready to join the pro batch and start attending pro dsa sessions!
(Watch all videos even if you know the solution.)

Please ignore question links; they are under maintenance for sometime. Directly open the video and watch the first minute to know the question.

Hashing | Prefix Sum | Suffix Sum

Hashing Prefix Sum Suffix Sum					
Hashing	Watch this video Hashing Part 0 Watch this video Hashing Part 1 Watch this video Hashing Part 2.	Read this document while watching video			
Hashing Prefix Sum Suffix Sum	Read all the 8 written tutorials and code them up before watching the video sessions ahead!	Question.	C++	Java	Py
Hashing Prefix Sum Suffix Sum	Session 0	DOC			
Hashing	Session1	DOC			

Prefix Sum Suffix Sum					
Hashi ng Prefix Sum Suffix Sum	Session2	DOC			
Hashi ng Prefix Sum Suffix Sum	Session 3	DOC			
Hashi ng Prefix Sum Suffix Sum	Session 4	Doc			
Hashi ng Prefix Sum Suffix Sum	Session 5	DOC			
Hashi ng Prefix Sum Suffix Sum	Session 6	Doc			

Hashi ng Prefix Suffix Sum	Session 7	Doc			
Hashi ng Prefix Suffix Sum	Session 8	Doc			
Hashi ng Prefix Suffix Sum	Session 9	Doc			
Hashi ng Prefix Suffix Sum	Amazon OA Session 10 Part - 1 Part - 2	Doc			
Hashi ng Prefix Sum Suffix Sum	Session 11 Interview Level	Q1 Q2 Q3	Sol Sol 2 Sol 3	Sol Sol 2 Sol 3	Sol 1 Sol 2 Sol 3
Hashi ng Prefix Sum Suffix Sum	Session 12 Interview Level	Q1 Q2 Q3	Sol 1 Sol 2 Sol 3	Sol 1 Sol 2 Sol 3	Sol 1 Sol 2 Sol 3
Recap	Watch	Doc			
Hashi ng	Session 13	Q1	Sol 1	Sol 1	Sol 1

Prefix Sum	Interview Level	Q2	https://ideone.com/ff3zfA	https://ideone.com/VzuJhd	https://ideone.com/Zdoqfb
Suffix Sum					
Hashing	Session 14 Interview Level	Q	Sol	Sol	Sol
Prefix Sum					
Suffix Sum					
Hashing	Session 15 Interview Level	Q1 Q2	https://ideone.com/uqMTNS https://ideone.com/iZHBQ	https://ideone.com/x7ZM77 https://ideone.com/IPjr7Q	https://ideone.com/oPMPUq https://ideone.com/EjyRSK
Prefix Sum					
Suffix Sum					
Two Pointer					
Two Pointer	Two Pointer Master	Very Imp Doc			
Master-class + Template.					
Binary Search					
Binary Search	Session 1 Interview Level	Q	Sol	Sol	Sol
Binary Search	Session 2 Part 1 Session Part 2	Q	Sol In C++ there is a direct inbuilt	https://ideone.com/ad04ft	https://ideone.com/ogEmGS

			function; so we don't need to write the full algorithm.		
Binary Search	Session 3 Interview Level	Q	Sol	Sol	Sol
Binary Search	Session 4 Interview Level	Q	Sol	Sol	Sol
Binary Search	Session 5 Interview Level	Q	Sol	Sol	Sol

Recursion.

Recursion	Session 1 Introduction Explanation by Kumar K	Que	Sol	Sol	Sol
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[Read these written tutorials and code them up before going ahead.](#)

Dynamic Programming	Session 1 Interview Level Notes	Q	Sol	https://ideone.com/s9Hgg9	https://ideone.com/6JeMuZ
Dynamic Programming	Session 2 Interview Level Notes	Q	https://ideone.com/RKRDXB	https://ideone.com/47a5Ts	https://ideone.com/edN1rl

Dynamic Programming	Session 3 Interview Level Notes	Q	https://ideone.com/zPiT8c	https://ideone.com/l6hlGe	https://ideone.com/EkKkOL
Dynamic Programming	AtCoder DP Session 4 Thought Process.	Q1 Q2	C++1 C++2	Java1 Java2	Py1 Py2

Graph								
Graph								
Graph	Intro to graphs.	Doc	https://ideone.com/6Xina4 https://ideone.com/bpDBbh	https://ideone.com/oXm5kN https://ideone.com/RlVq6E	https://ideone.com/q4qlWs https://ideone.com/36dbmJ			
Graph	Session 1 BFS and its applications	BFS on Graph	Sol	Sol	Sol			
Graph	BFS - Graph OA lvl	BFS on Graph Q1 Q2(For each	Sol Sol Sol	Sol Sol Sol	Sol Sol Sol			

	Thoughts + Intuition In this session Kumar K teaches secret tricks so focus.	node in the graph find if its reachable or not from the source node) Q3(Num ber of shortest paths from the source node to all other nodes)						
Graph	DFS Master 3 Session By Kumar K Thoughts + Process + Intuition Prerequisite - DFS and Recursion are same thing	Q	Sol	Sol	Sol			