Content for Super60 Training

Sr. No	Tonic Content for Superior fruit	No of Lectures	Resources	Problem Plateform
	Hashing		Leet Code	Leet Code
	Recursion		Leet Code	Leet Code
	Tail Recursion	1	Geek for Geek	Code Forces
	hashing with recursion	1	Leet Code	Leet Code
	Dynamic programming			Code Forces
	Memorization		Leet Code	codechef
_	Longest Common Subsequence		Code Forces	codechef
	Longest Increasing Subsequence		Geek for Geek	codechef
	Test 1		000H 101 000H	
9	Minimum Partition	1	cp-algorithm/youtube	Code Forces
	Longest Path In Matrix	1	Geek for Geek	codechef
11	0-1 Knapsack Problem	1	Geek for Geek	hackerrank
12	Subset Sum Problem	1	Geek for Geek	hackerrank
13	Optimal Strategy for a Game		youtube	hackerrank
13	Test 2		youtube	HackerEarth
14	TOOLE	1		
15	Dynamic programming, problem Solving	1	Code Forces/0	CodeCHef
	Euclidean algorithm for computing the greatest common divisor		2000101000/	geekforgeek
	Extended Euclidean Algorithm	1	Geek for Geek	geekforgeek
	Convex hull	3	cp-algorithm/youtube	code forces
10	Test 3		ep argorianii youtube	CodeChef
19	Tree and Traversing	1	voutube	codechef
	Fenwick Tree		cp-algorithm/youtube	cp-algorithm
	Sqrt Decomposition		cp-algorithm/youtube	cp-algorithm
	Segment Tree		cp-algorithm/youtube	cp-algorithm
	Test 4	1	ep algorithm youtube	Leet Code
23	Sqrt Tree	2	cp-algorithm/youtube	cp-algorithm
	Randomized Heap		Geek for Geek	cp-algorithm
	Dijkstra - finding shortest paths from given vertex		Geek for Geek	codechef
	Dijkstra on sparse graphs		Geek for Geek	codechef
	Floyd-Warshall - finding all shortest paths		Geek for Geek	hackerrank
21	Toyd-warshan - Iniding an shortest paths Test 5	1	OCCK 101 OCCK	Code Forces
28	Number of paths of fixed length / Shortest paths of fixed length	1	cp-algorithm/youtube	codechef
	Minimum Spanning Tree - Prim's Algorithm		Hackerrank	codechef
	Minimum Spanning Tree - Kruskal		Hackerrank	codechef
	Minimum Spanning Tree - Kruskal with Disjoint Set Union		Hackerrank	codechef
	Second best Minimum Spanning Tree - Using Kruskal and Lowest Common Ancestor		Hackerrank	codechef
32	Test 6	1	Паскенанк	Code Forces
Discussion Topic (Week Wise)				Code Porces
33	KMP algorithm	1	Geek for Geek	Geek for Geek
	Rabin karp		Geek for Geek	Geek for Geek
	Z's algorithm		Geek for Geek	Geek for Geek
	Aho Corasick String Matching		Geek for Geek	Geek for Geek
	Counting Sort		Geek for Geek	Geek for Geek
	Manacher's algorithm		Geek for Geek	Geek for Geek
50	Self Leaarning Topic	<u> </u>	OCCK TOT OCCK	GCCK TOT GCCK
39	Chinese remainder theorem Introduction	1	youtube	cp-algorithm
	Chinese remainder theorem and Modulo Inverse Implementation		youtube	cp-algorithm
40	Total Lectures	48	7	
	Total Lectules	48		

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