DevSkill - CP - Intermediate - Course Outline

*CCC = Cumulative Class Count

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Topic	ass Count				*CC	*ccc
-	Complexi	ty Analysis	1 class	1		
		a Structure with S	2 classes	3		
•	Binary Se	2 classes	5			
•	Bitwise O	1 class	6			
•	String: Va	2 classes	8			
•	Sorting Al	1 class	9			
•	Number T	2 classes	11			
	Part 1 Primality Testing Part 2 Different type of Arithmetic, Euler Function		and GCD	1 class		
				1 class		
•	Recursion	3 classes	14			
	1 Intro	duction				
	2 Prob	olem Solving				
•	Sorting Al	2 classes	16			
	Merge Sort Quick Sort		1 class			
•	Segment '	2 classes	18			
•	Greedy Te	1 class	19			

Basic Graph Theory	4 classes	23		
Introduction	1 class			
BFS/DFS	1 class			
Weighted Graph : Dijkstra	1 class			
DSU	1 class			
Backtracking	3 classes	26		
Introduction	1 cl	lass		
Problem Solving	1 cl	lass		
Dynamic Programming	5 classes	31		
Introduction	1 cl	lass		
Problem Solving	3 cl	lasses		
	31			

^{*}There will be 1(one) reserved class for revision of specific topic / problem solving sessions from the whole course.