Name: Jonas de Deus Guterres

Class: IF-42-INT

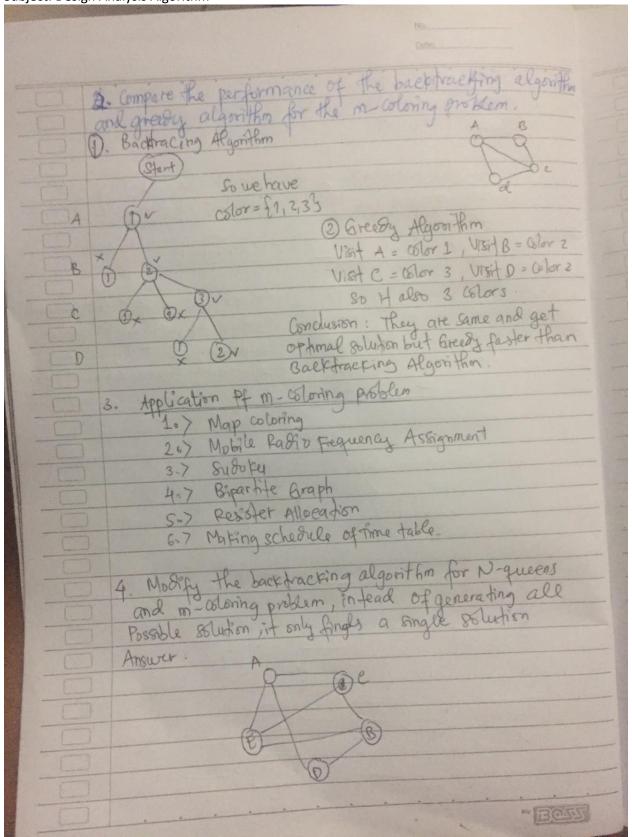
Subject: Design Analysis Algorithm

ibject: Des	ign Analysis A	Algorithm	Maria Control	No.
				Desc
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	Jame : Jonas de Deus Guterres			
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=	Jass 1 14	1011		
4	110-10	Laard	apton a	laprithm for the 0/1 Knapsack
1	. Use Th	e ouer 1	Description of a	of all is the off Himpset
	problem. Co	ompare -	The resul	If with that of dynamic
	programming.			
	Amswer:		7120	Capacity = 13
	Index	Weight	Profit	1 - 1 - 2 - 1 - 0
	1	1	1	Answer: As we se it got optimal
	2	2	12	Solution as well as Dynamic
	3	5	18	Programming. But Dynamic
	4	6	22	programming takes advantages
	5	7	28	of overlapping of the recursive
				Calls.
	[0,0]			
	x1=0			
	40)			
	[1 1 [0,0]			
	to to			
	[3,13] [1,1] [2,12]			
	NS= \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\			
	/			(9,30)
0	[8,31] [3,13] [6,19] [47764			
	xy=1/	X4=0	13/ X4	0 ×421 [13] > 5=0
	124	1100	11/	11241
	14,53	(8,34	19,35	13,13 1 ×50
	×	-1/0/01	- 1	10/15/
D	1	75/	45,	18/ 5/9,69) (12,41)
(15, 59) (16,63) (10,41) × V				
	1.	1181.39	A	10/41) *
		X	×	Carried Control of the Control of th

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