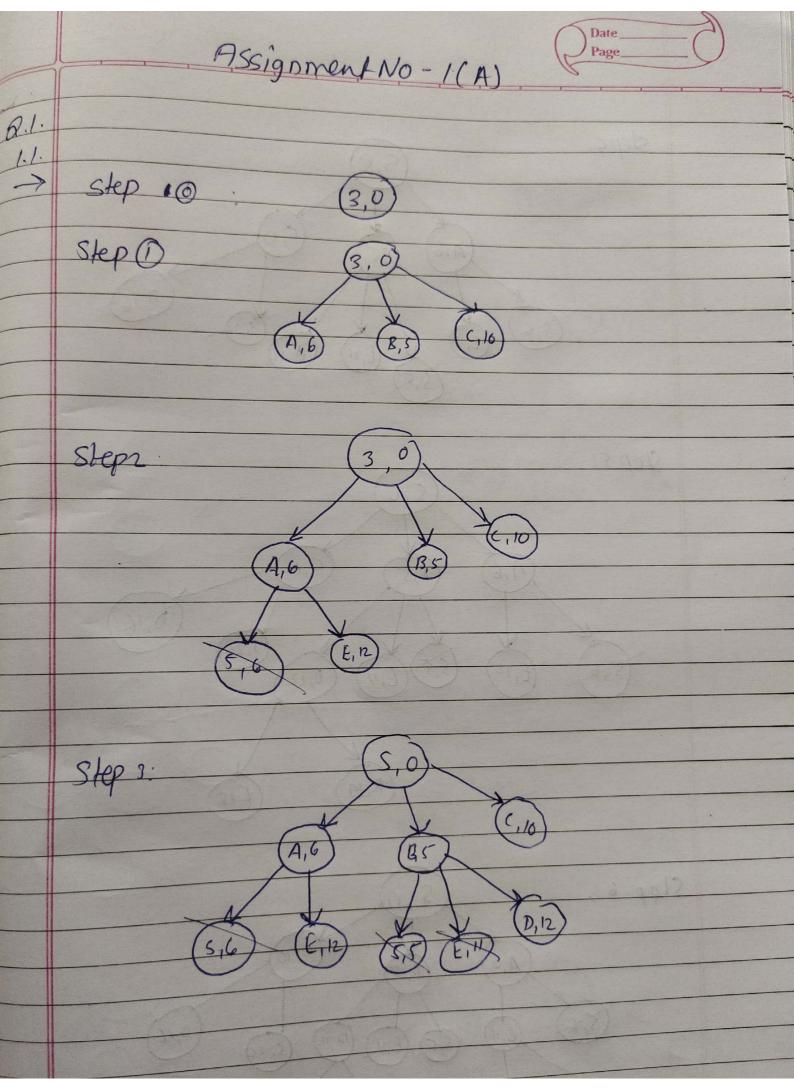
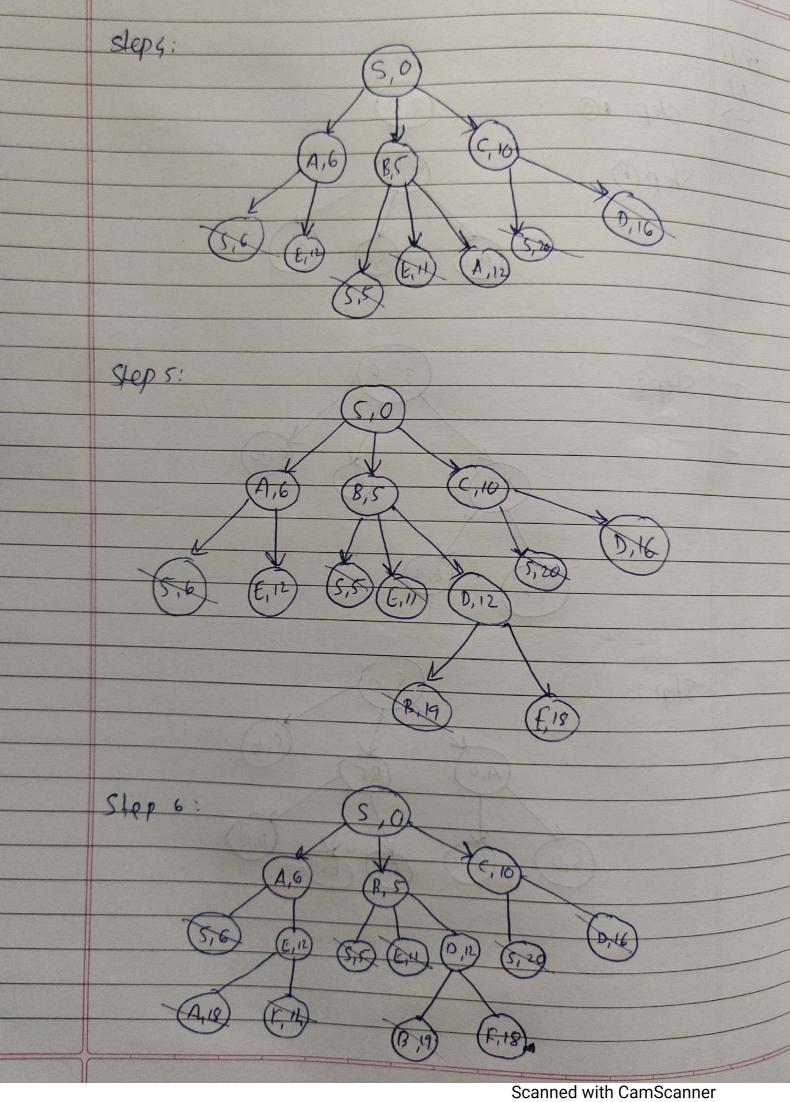
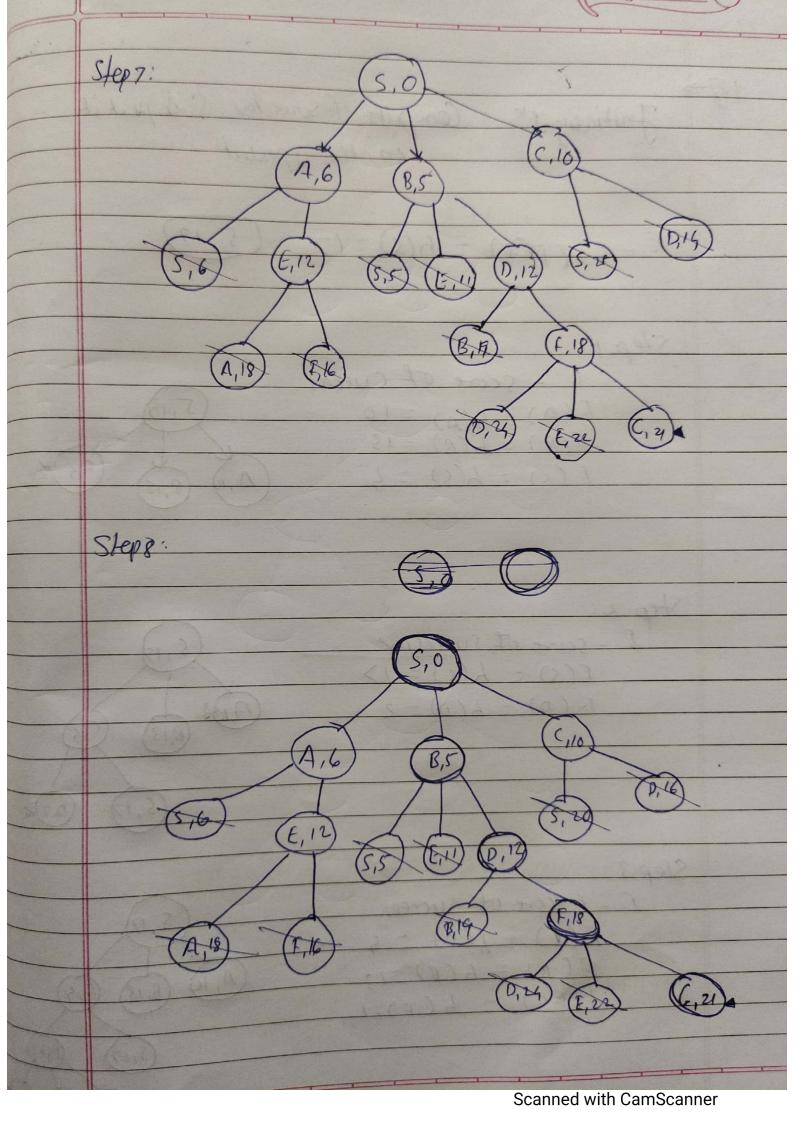
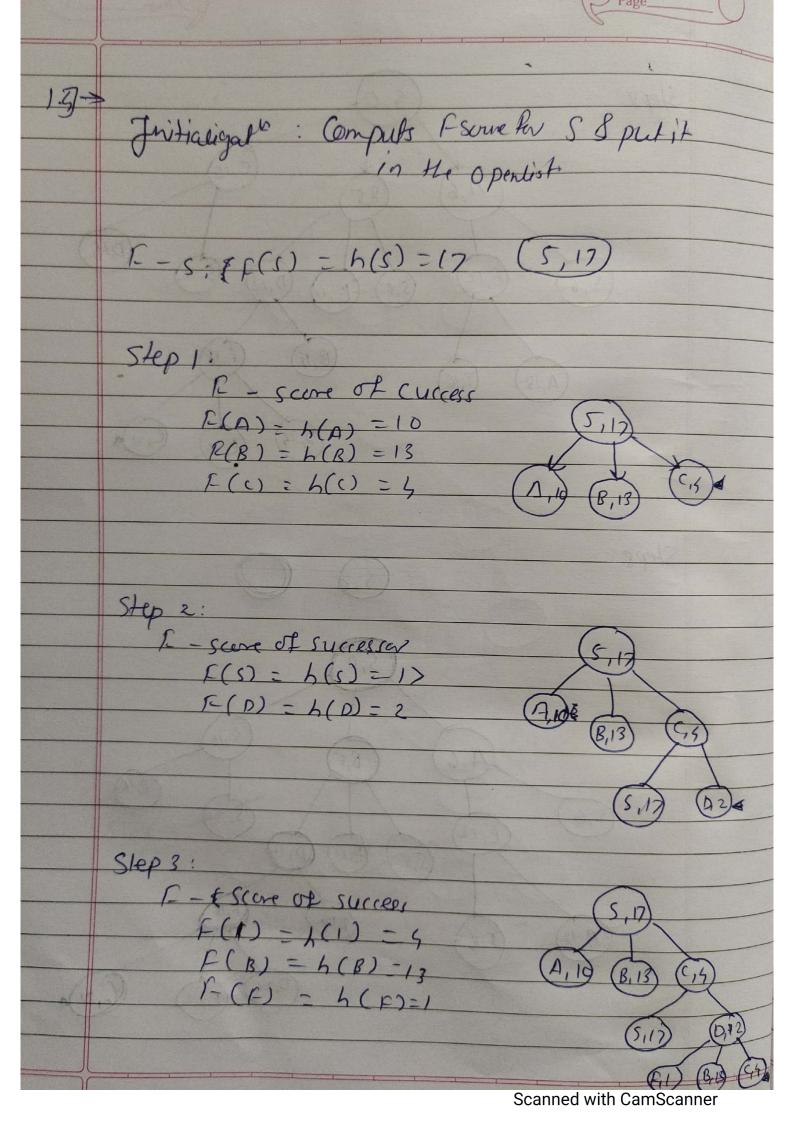
Assignment NO-1A				
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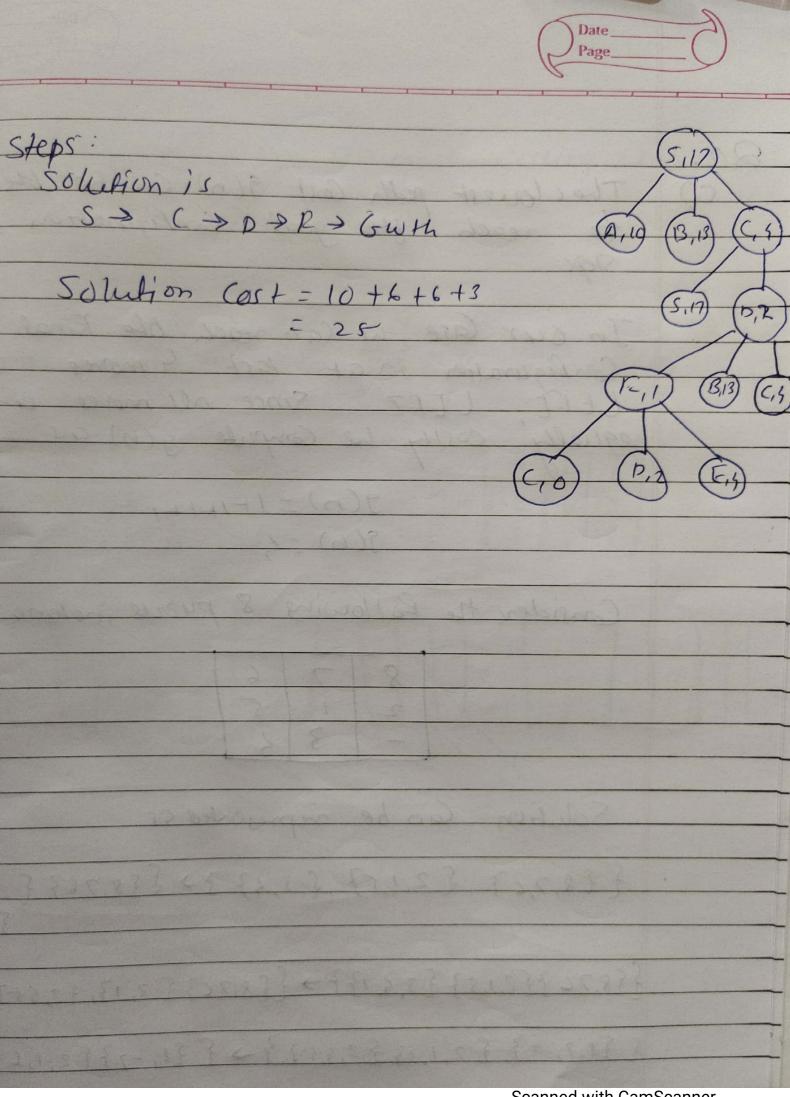


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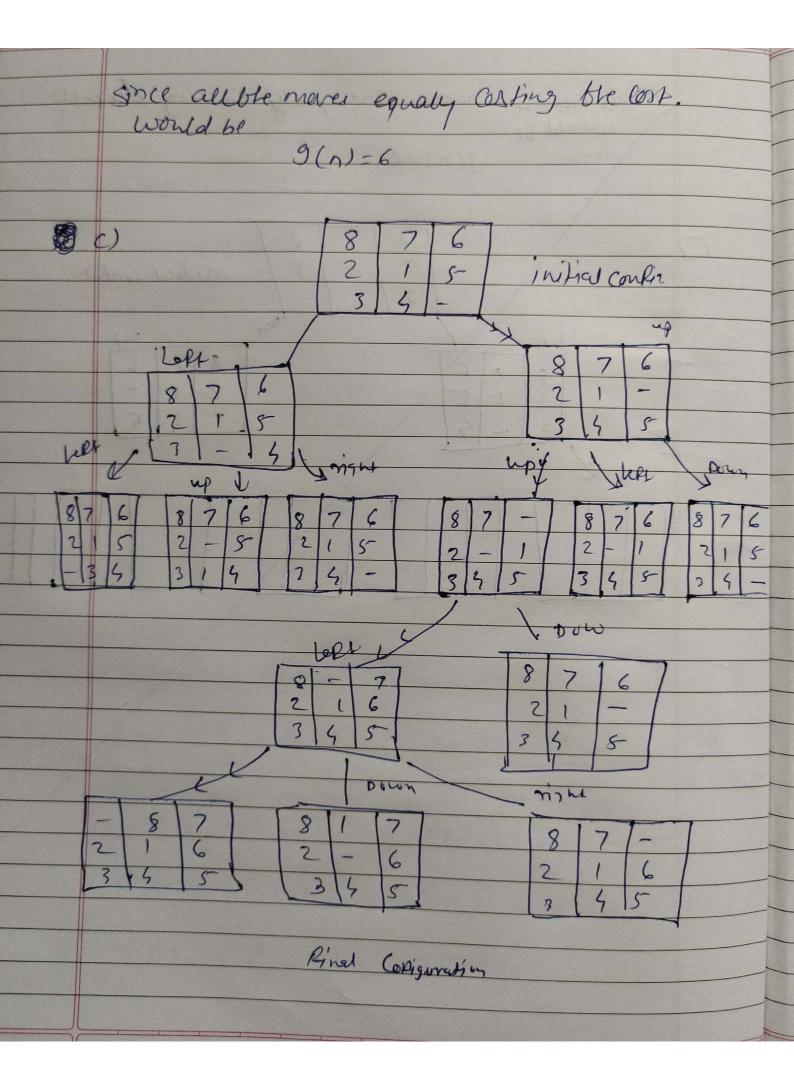








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6)	Ther lowest path Cost 9(n) Combe ble Ost to reach the goal Configuration on Steps.
	to reach the goal configuration on
	Stepr.
	In our Case, ne can reach ble Rinal
	Carling I'm an at 1957 Thousand
3 43 7	LEIT LEFT Since all mores and
	equally costly be compute g(n) 95
	9(n)=1+1+1
	J(h) = 4
	Ver 37
	Consider the Rollowing 8 pyzzle inchense
	8 7 6
	2 1 5
	[-13]3
	Solution Go be represented 95
	{ { 8,7,6}, { 2,1,5}, { -3,4} } > { { 8,7,6} { 2,1,5}.
	\$ 3 -477
	C
	{ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\
	{ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\
	{ \(\frac{1}{2}\), \(\frac{1}\), \(\frac{1}\), \(\frac{1}{2}\), \(\frac{1}{2}\), \(\frac{1}{2}\), \(\frac{1}
	1,
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2) Per i = 1 , n = initial state h, (initat) = misplaced lakes count exceptspace hz(inilia) = 4 h=god state hi (goal) =0 Fer i= 2 n=initial State

hz cinitical = correctly placed likes count

expects pace br Cinitia)=4 For n = goal state hr - (goal) -P For i=3, n= initial state hy (initia) - mantham de Sum of position ofall like excent @ hs cinitial = 0+0+0+0+1+1+1=1+1 Por n=goal state h3 (goal) =0