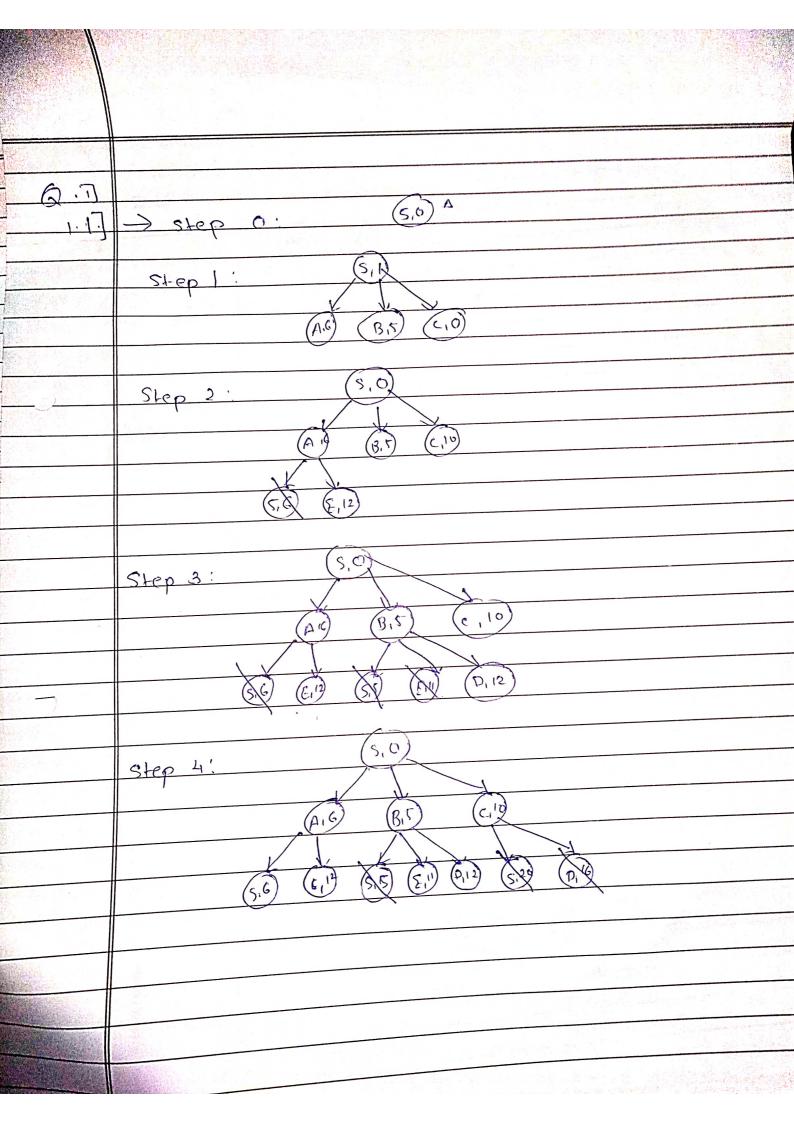
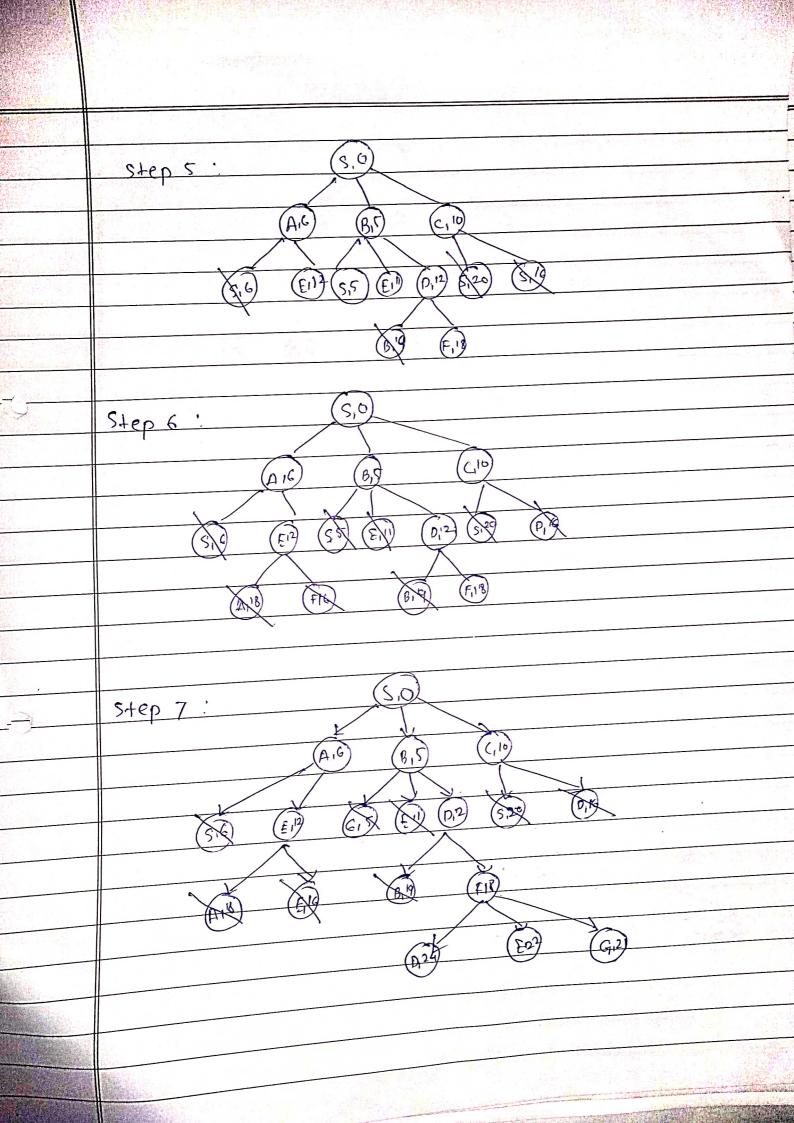
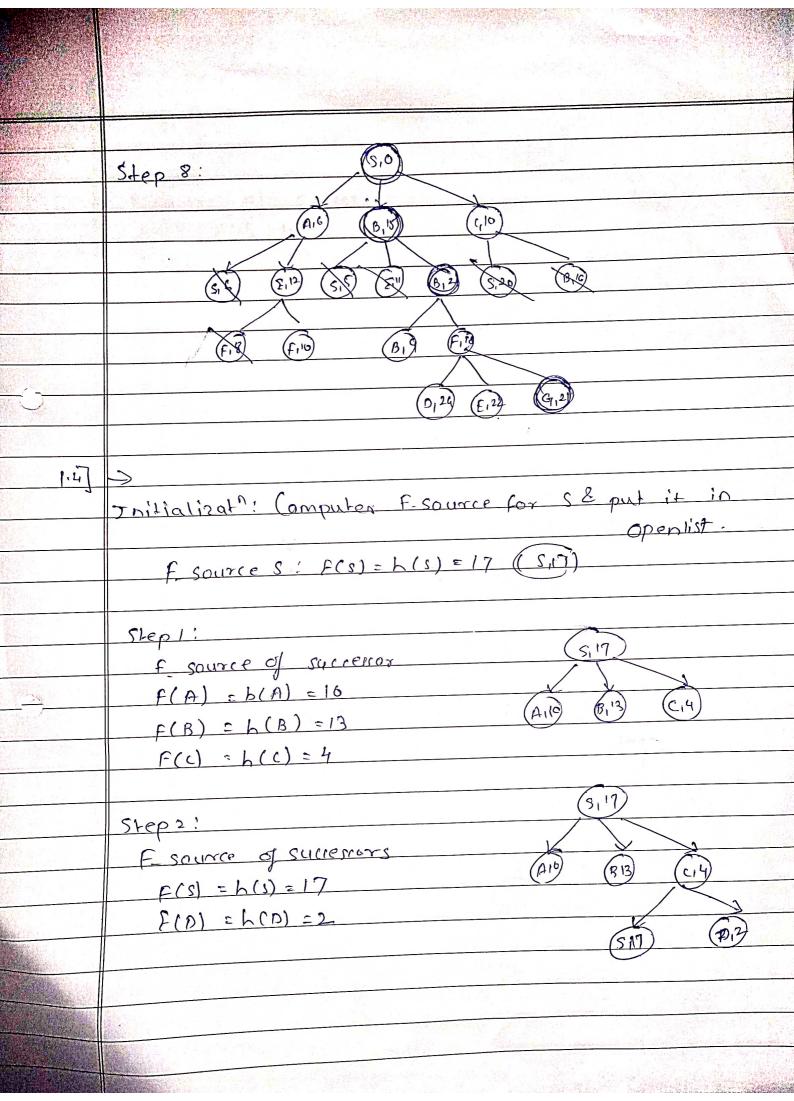
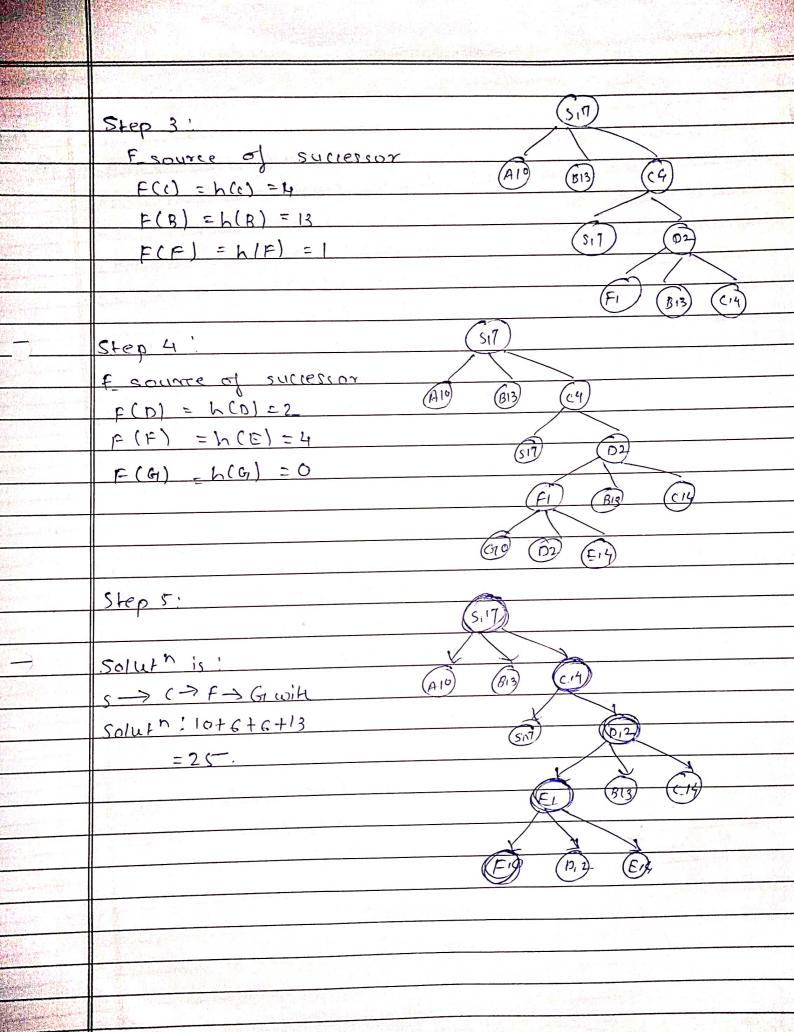
	Name : Amruta G. Puppa!
A Total	class: BEIT
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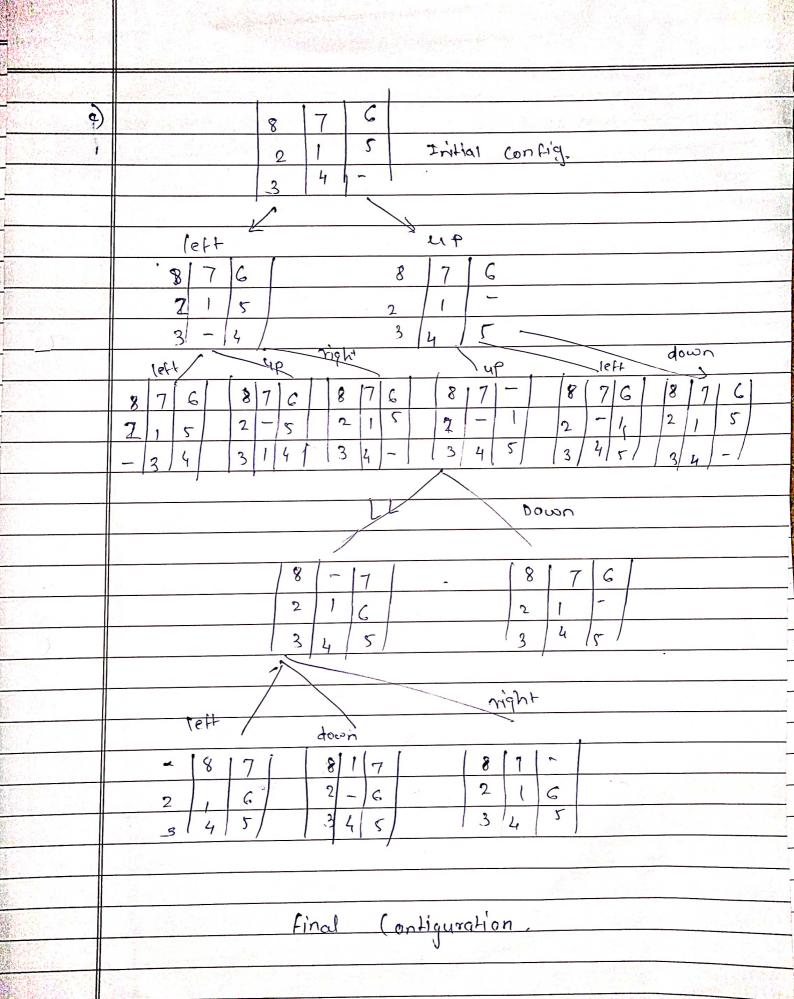






(a. 2)	I ha cost to reach goal
<u> </u>	lowest path g(n) can be cost to reach goal configurate in least steps. In our case, we
	(DO) 1-1911 (A-100)
	umoves, up, up, left, Left - Since oil moves
	are equally costly we compute gin) as
	are equally costly we competed for
	g(n) = 17(11) $g(n) = 4$
E Company of the Comp	91111=
	Consider foll. 8 puzzle instance.
S.	Consider foll. 8 partie manual
	2 15
	2 15 - 134
No. Victoria	
	Solith can be represented as:
	1 0 C 0 - 12 S 0 1 5 S - 50 1 4 - 37 9 -> (2 4 1 1/0 ) 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
(A) (A) (B)	$\  - c - (7 + 1) + (7 + 1$
<u> </u>	
Services	$\{3,4,5,5,5,5,5,5,5,7,5,7,7,7,7,7,7,7,7,7,7$
	27 81-11 (211-) (3111-)
	£3,4,533
	and coulded could and
	Since all moves are equally costly and
	Cost was be
	g(n) = 6
etarak	

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for i=1 n=initial state. h. Cinitial = misplaces tiles count except space ha (initial) = 4 n = goal state. h, (gad) =0 for i= 2 n= initial state he (initial) = 4 for nogoal State ho (god - 8 for i= 3 n= initial starte ha (initial) = sum of dist. betwo. when I and correct posith of all tites except specie. b3 (initial) = 0+0+0+0+1+1+1+1. for n = god Starte h3 (gard) =0.