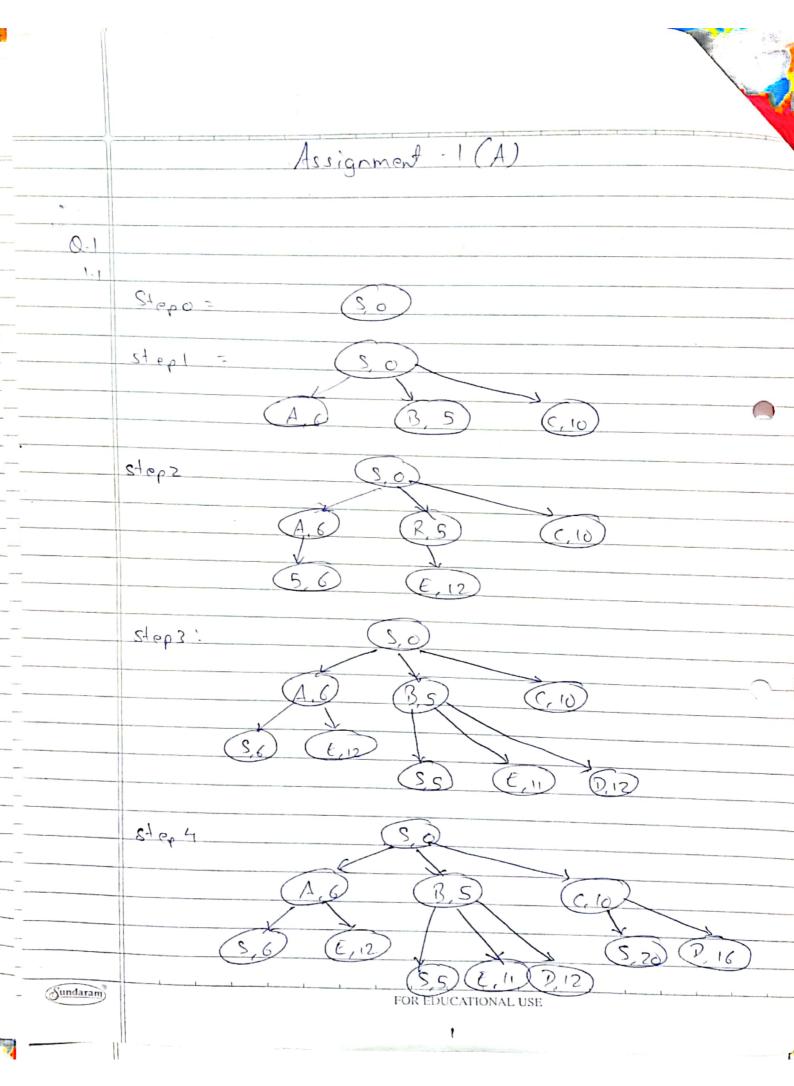
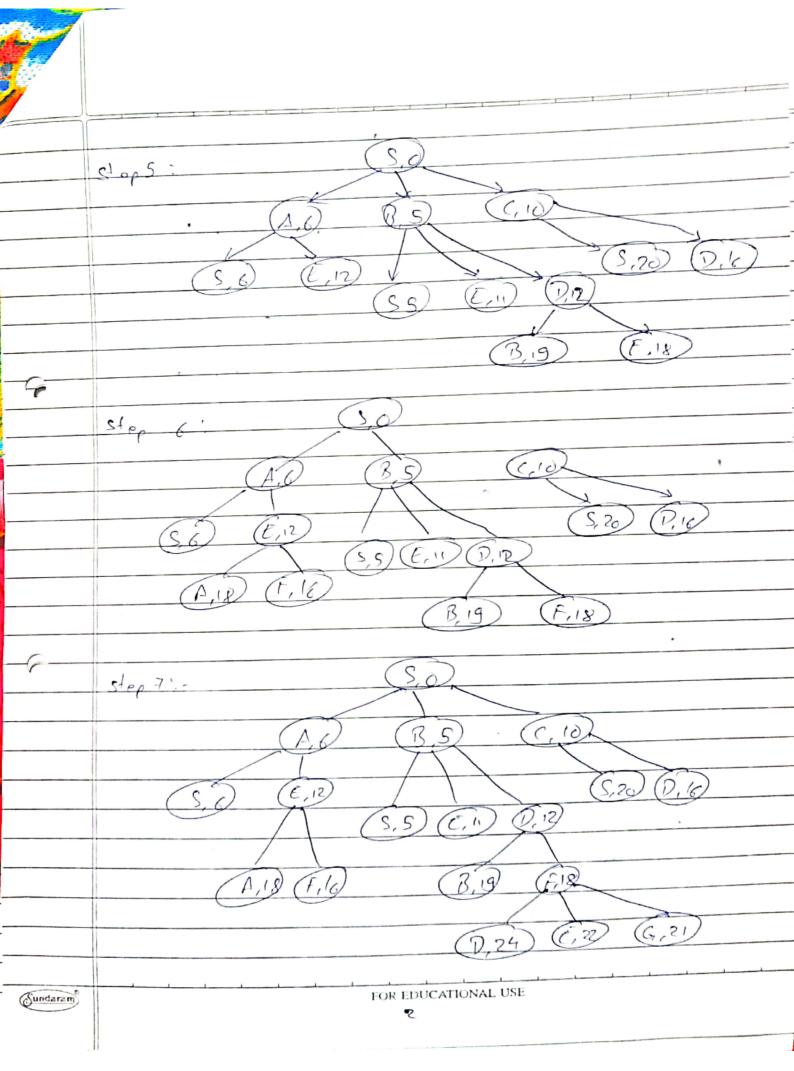
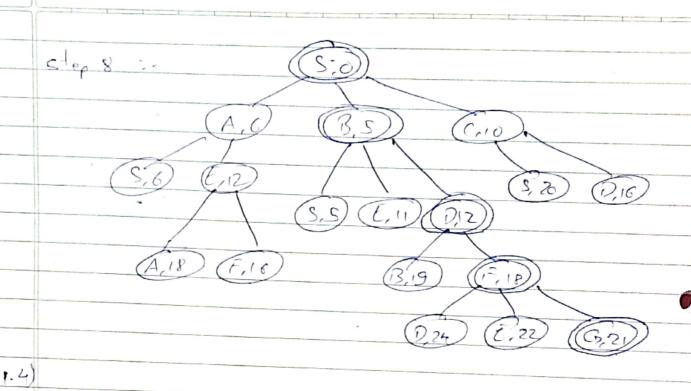
	Nam :- Harikvihra B. Padh			
		:- B.E.I.T		
		no: 46		
8				
	- Vo.r		Rimark	Sign
Gundaram		F	OR EDUCATIONAL USE	





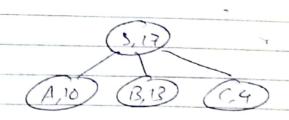


Initialize: Compute & sur for s & put it

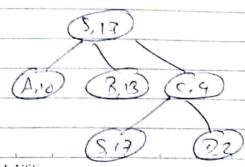
Step1:

f(A) = h(A) = 13

$$f(B) = h(B) = 13$$
  
 $f(c) = h(c) = 4$ 

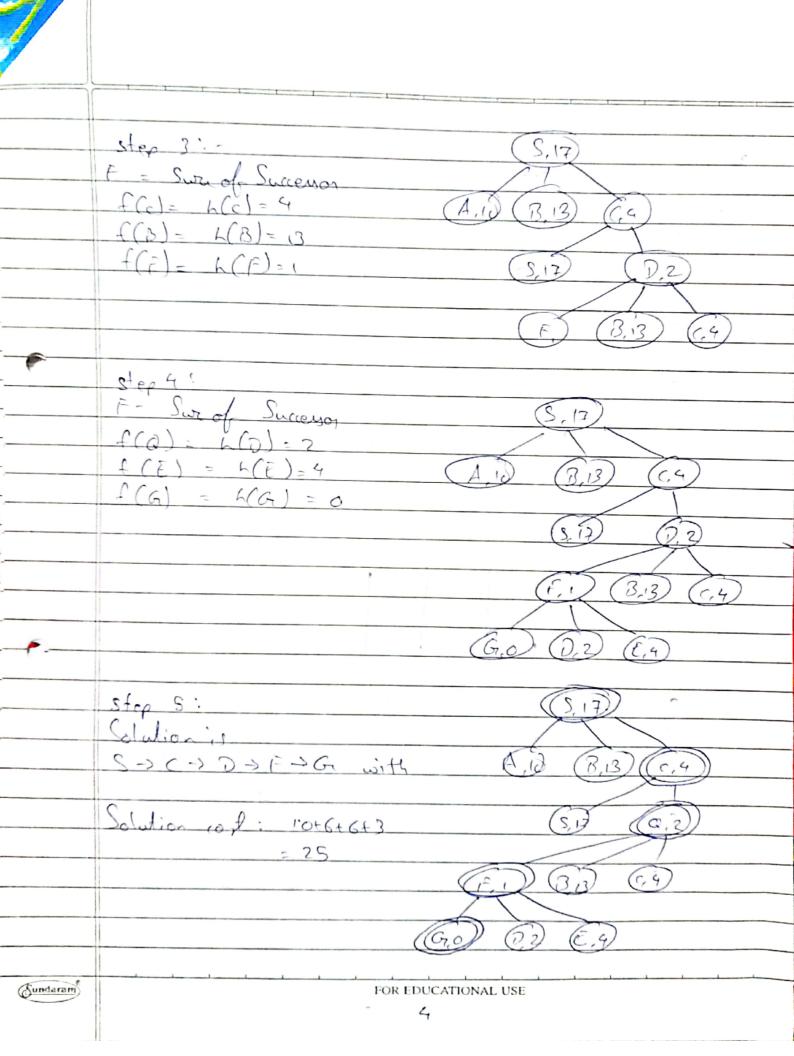


step 2:



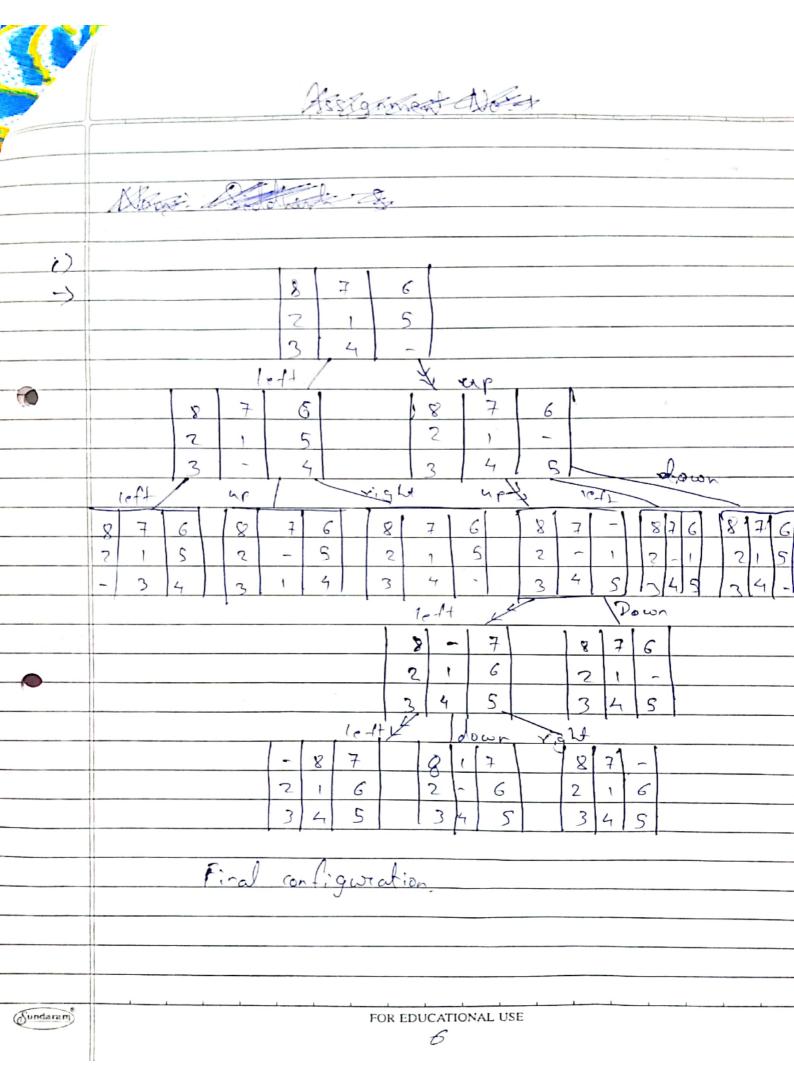
Sundaram

FOR EDUCATIONAL USE



0.2 al The lower path cook g(n) can be the look to reach the goal configuration in least steps in ad land & mover up, up (EFT (EFT Since all moves or equally cooly we. compute g(n) as a(v) = 1+1+1+1 g(n) = 4 Consider the following 8- puzzle intense: Solution con bounded on:

{ \( \frac{1}{8}, \frac{1}{3}, \frac{2}{3} \frac{1}{6}, \frac{1}{3}, \frac{2}{3} \frac{1}{3}, \frac{2}{3} \frac{1}{3}, \frac{1}{3} \frac {8,7,63 {2,54 {3,4,533 } 1280,73 {2,1,63 {3,4,533 } { 8,73, {2,1,63, {3,4,533 Since all the moves all royally coxly the con wouldbe g(n):6. Sundaram FOR EDUCATIONAL USE



For i=1 n= initial std. hi (initial) = Misplaced liky round except space n = goal state h, (goal) = 0 for i=2, n=initial state

to (initial) = Directly replaced tiley round cropp space for i = ? n = initial state

hr (Anitial) - Sum of manhalfan did between

coored 8 coored position of al Tiles except space 63 (initial) = ofototot(+1+1+1 63 (goal) = 0 (Jundaram) FOR EDUCATIONAL USE 7