

3 Solution 6

Step 21 - Visited = []

Stack 2 [S] called thing or monties

sup3!- visited = [S,D], struk=[A,D] with sup en Sty4!- visited = [S,D,G], strukz [A] god end Traverse

for taking alphapetic order in consideration.

Search puth (3 8 2 / 3 3 > C > G

	VISITED	8 tack
_		C57
(5	S	CD,A)
	A	[0,3]
_	B	(CO)&(C)
	C	[01610]
goal ->	G	(0,6)
V		

how to get Best puth [solution puth)

Palh	Stuck
	CCs)]
(5)	[S,D] o [SIA]
[s, e]	CS103)[SIA)8]
[SIB) B]	[S, D] , [S, A, B, G] , [S, A, B, C]
CSIA, BIC)	[510],[1,A,B,G)

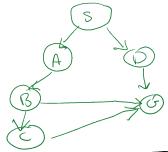
Solution Rolling

[214112] -) >> [SIA18,66] (CS, 4; 8, C, G) getyout

problem 2!

Breadn frot

	ursited	frantier
		5
_	5	(A,D)
_	(-)	(0, B)
	D	[3, 6)
	B	(G) (G)
•	G	get goal
		J



(S-A+D-) B-6 Grand path Traverse puth.

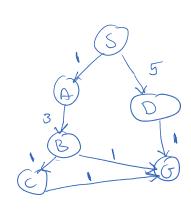
S Now we want to get Solution path &

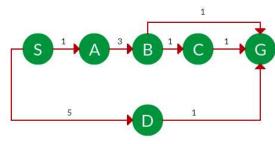
quere

solution put

ber	a ueu
[5)	[S,A], (S,D)
[SIA]	[S(A), [S,A)B]
[510]	[S,A,B],[S,D]6]
CS(A,B)	[S10,6], [S,A,B,6]
	3 [S10, B) C)
(S, D, G)	get megaal

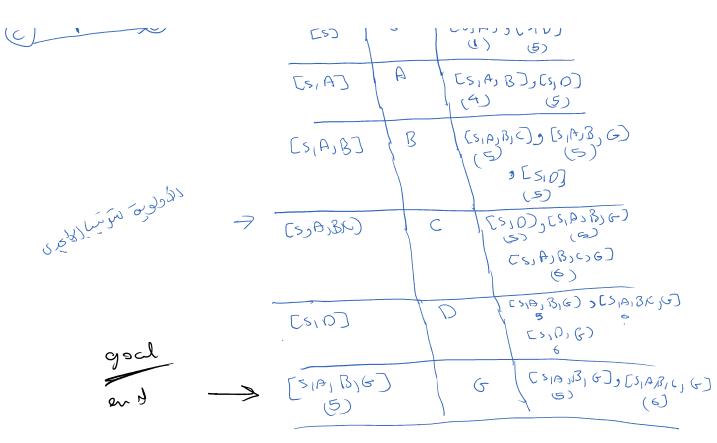
probku31-



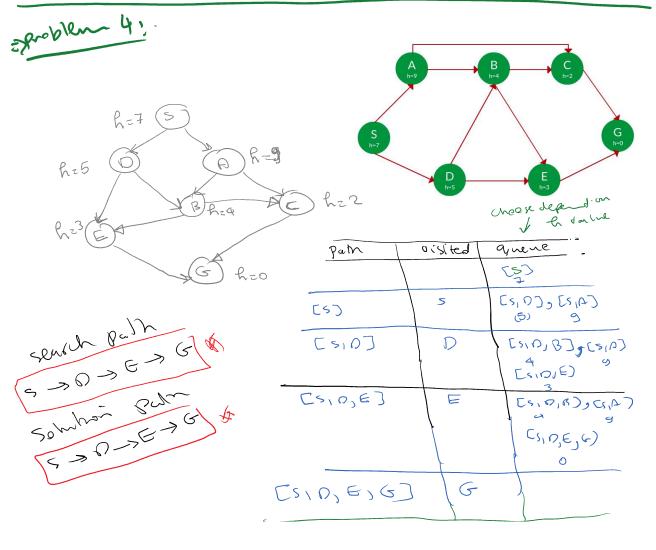


				(Mo)	
				6	on cost of puh
_	Pah	disited 1	quere		
			(5)	2)	
	CSJ	S	CSIA)		5)
		Δ	V - ^		-

choose defends



Search pulh = 5 > A > B > 6 (08+ (5)]



[S10, E16] (G)

> Proble 4:-
Report The previews whend But have soil whend on pure soil
yer house son
Box Loc

h=7 5 3
R25 0 2 5 R-9
9 3 hzq DE hz2
3 G h20

Palh	visited	Queve		
		[5]		
[57	5	[SIB] 0 [SI)]	
	\	h=9 h=5 9=3 9=2		
		f= +==		
[510]	D	[S,A) [S,D,B	J CS,D,E)	
		1 7515 B= 3	9 = 6	2 C - 19 C 2
(, , ,)]	\ B	CSIAT , ESID	(B, O, 2) c (3)	c) (S101818)
(5,0,3)		\ f=12	6 ~2 9~5	R = 3 9 = 4
		1	F_ T	P=7
		[SIB] = [SID]	E) 2[5,0,B,E	(20,0183 c)
[s,0,B,C)		1 f=12 f=9	Fil	hzo
F= 7	1			9= 9
		3		f=9
[SIO]BJEJ	E	[S,A) , [6	(10) (5) (5) (5) (6) Because	3,0,6)
P=7	\	1, = 1 = £	g FEE	J
F Z 3		(5,0,8,E	jG) Because	E is offiled
		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	7	
		f=9		
		(50)	ESIDIBICIG	> > (6,0,8,6,6)
		tell	P=7	+=7
(SID. K. E.	= \	6	Λ	
(SID, B, E, C		1 90a	L	
Y2 '				

search path > [3,0,B,C,E,G)

Solution path > [SAD > BAE> 6], coxt=7