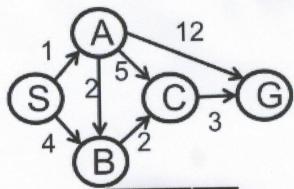
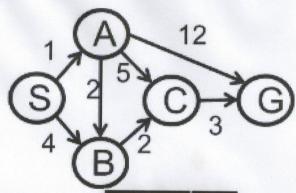


State	Н
S	7
Α	6
В	2
С	1
G	Ö



State	Н
S	7
Α	6
В	2
С	1
G	0

Search Tree: 5,f=g+h=0+7=7

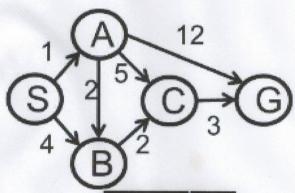


State	Н
S	7
Α	6
В	2
С	1
G	0

Search Tree: 5,f=g+h=0+7=7

5-A, f=g+h=(0+1)+6=7 5-B, f=g+h=(0+4)+2=6

Visited: 8,

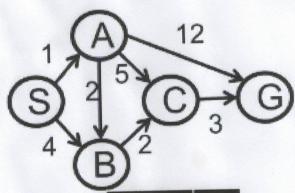


State	Н
S	7
Α	6
В	2
С	1
G	0

Search Tree:

5, f = g + h = 0 + 7 = 7

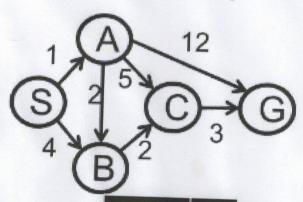
Visited: 8, A, B



State	Н	
S	7	
Α	6	
В	2	
С	1	
G	0	

Search Tree: Visited: 8, A, B, C 5, f=g+h=0+7=7

5-A-B-C-G, f=g+h=(5+3)+0=8



State	Н
S	7
Α	6
В	2
C	1
G	0

5,f=9+h=0+7=7

Search Tree: Visited: 8, A, B, C

5-A-B-C-6 is the optimal solution!