

DFS Undirected

	length		marked	edge to
0-1	0	1, 5, 4	0	1
0-5	1	0, 2	1	2
1-2	2	1	2	3
4-3	3	4	3	4
0-4	4	0	4	0
2-3	5	0	5	0
6-7	6	7	6	0
	7	6	7	0

output 0 to 1 1-2 2-3-4-0
 2 2-3-4-0
 3 3-4-0
 4 4-0
 5 5-0
 6 NC
 7 NC

BFS undirected

	length		marked	edge to	dist
0-1	0	1, 5, 4	T	0	0
0-5	1	0, 2	T	0	1
1-2	2	1, 3	T	1	2
4-3	3	4, 2	T	4	2
0-4	4	0, 0	T	0	1
2-3	5	0	T	0	1
6-7	6	7	F		
	7	6	F		

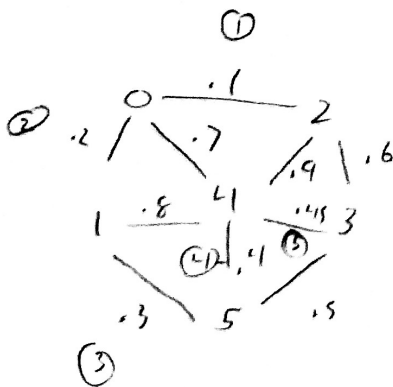
ave 0 4 5 1 3 2
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	edge	dist
0 to 1	1-0	1
2	2-1-0	2
3	3-4-0	2
4	4-0	1
5	5-0	1
6	NC	
7	NC	

kruskal

← (Preorder) min pr

- 2-3 : 6
- 0-4 : 7
- 1-4 : 8
- 1-5 : 3
- 5-4 : 4
- 2-4 : 4
- 0-2 : 1
- 0-1 : 2
- 3-5 : 5
- 4-3 : 4.5



	output
0-2 : 1	0-2 : 1
2-1 : 2	2-1 : 2
1-5 : 3	1-5 : 3
5-4 : 4	5-4 : 4
4-3 : 4.5	4-3 : 4.5
3-5 : 5	3-5 : 5
	Total 1.45
2-3 : 6 - NO	
0-4 : 7 - NO	
1-4 : 8 - NO	
2-4 : 4 - NO	