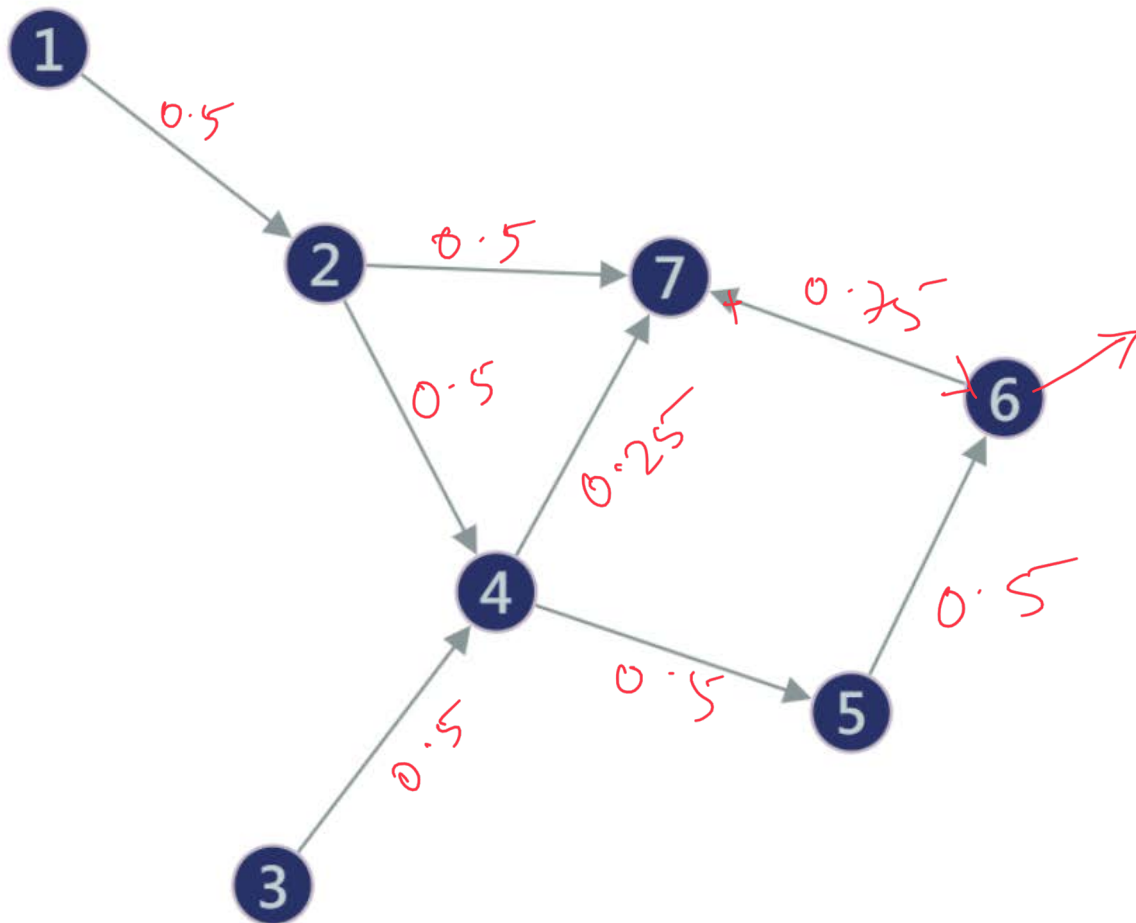
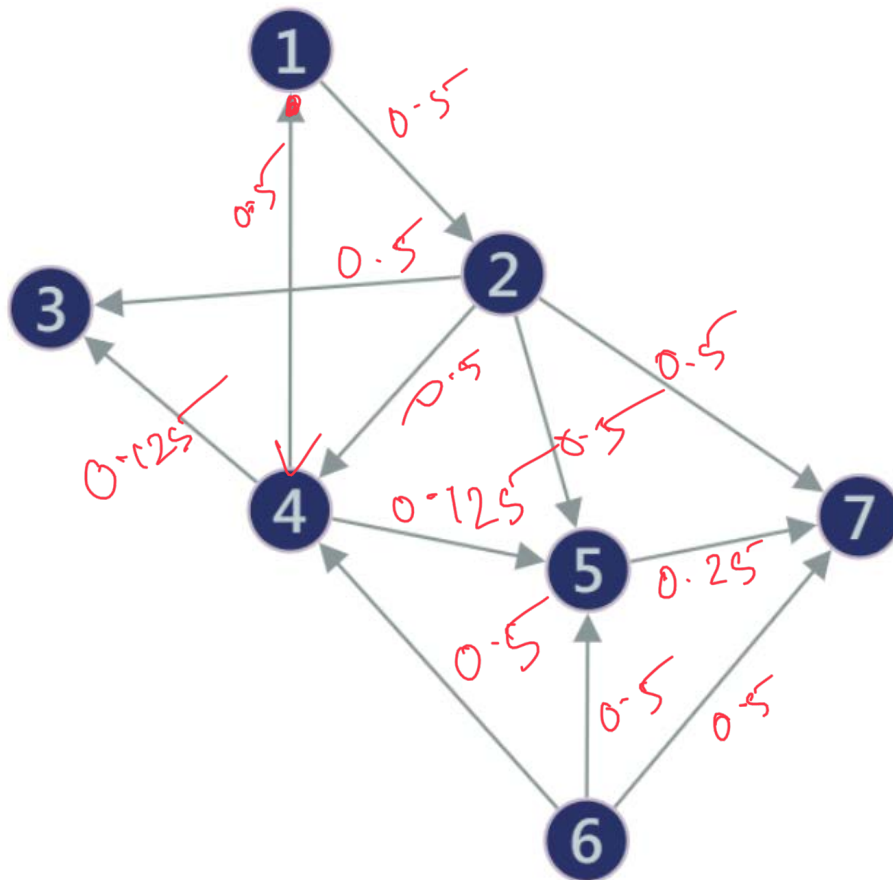


Sparse Graph_____



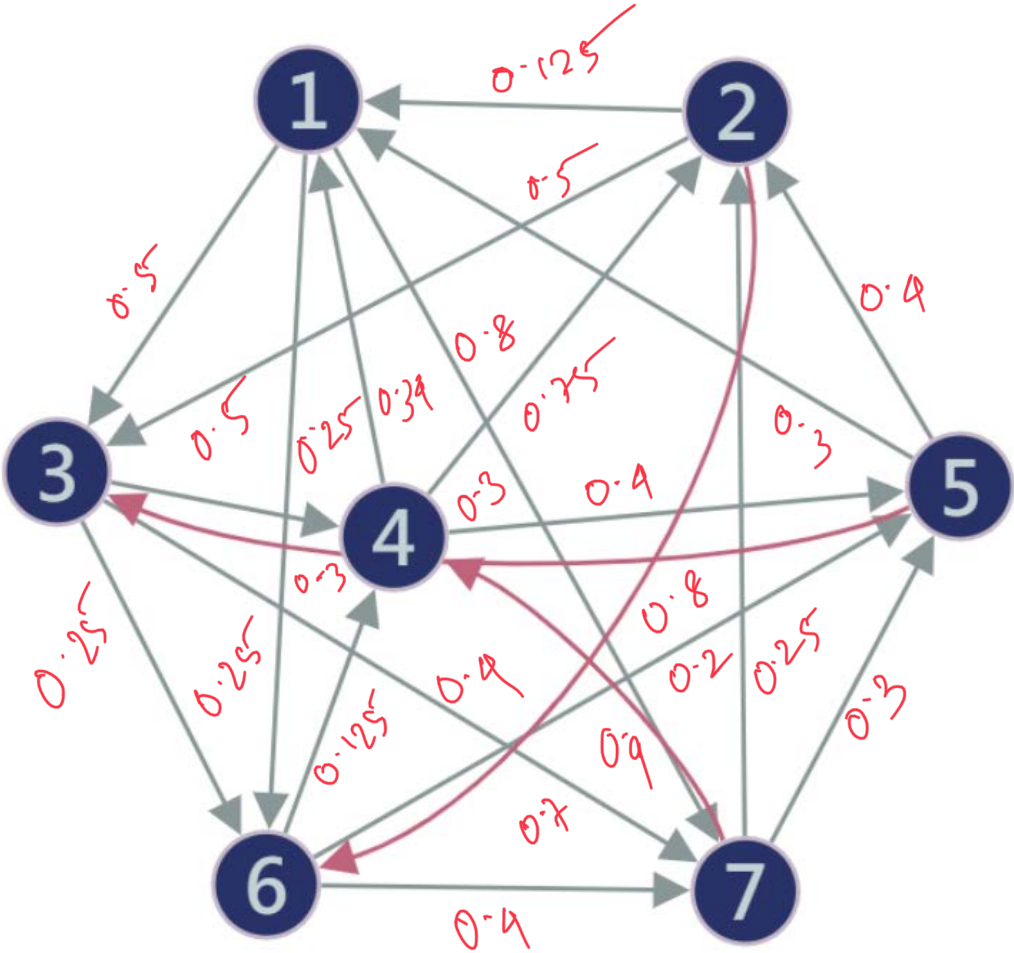
sparse graph ($ E =8$)							
	1	2	3	4	5	6	7
1	0	1	0	0	0	0	0
2	0	0	0	1	0	0	1
3	0	0	0	1	0	0	0
4	0	0	0	0	1	0	1
5	0	0	0	0	0	1	0
6	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0

Medium Graph_____



medium graph ($ E =12$)							
	1	2	3	4	5	6	7
1	0	1	0	0	0	0	0
2	0	0	1	1	1	0	1
3	0	0	0	0	0	0	0
4	1	0	0	0	1	0	0
5	0	0	0	0	0	0	1
6	0	0	1	1	1	0	1
7	0	0	0	0	0	0	0

Dense Graph_____



dense graph ($|E|=21$)

	1	2	3	4	5	6	7
1	0	0	1	0	0	1	1
2	1	0	1	0	0	1	0
3	0	0	0	1	0	1	1
4	1	1	0	0	1	0	0
5	1	1	1	0	0	0	0
6	0	0	0	1	1	0	1
7	0	1	0	1	1	0	0