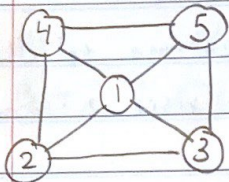


Edge List = Adjacency List

Make an Edge List for the graph

Non-Dir:

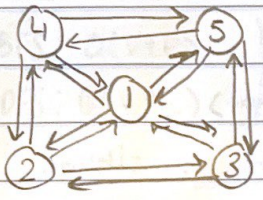


Adj. List

- 1: 2, 3, 4, 5
- 2: 1, 3, 4
- 3: 1, 2, 5
- 4: 1, 2, 5
- 5: 1, 3, 4

	1	2	3	4	5
1	X	✓	✓	✓	✓
2	✓	X	✓	✓	X
3	✓	✓	X	X	✓
4	✓	✓	X	X	✓
5	✓	X	✓	✓	X

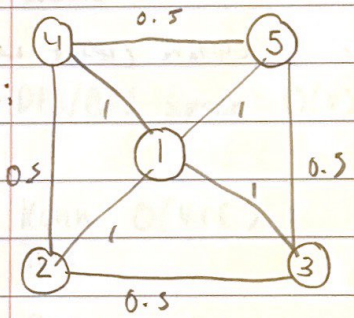
Directed Graph:



- 1: 2, 3, 4, 5
- 2: 1, 3, 4
- 3: 1, 2, 5
- 4: 1, 2, 5
- 5: 1, 3, 4

The Symmetrical around the diagonal is ONLY true for undirected graphs

With weights:



- 1: (2, 1), (3, 1), (4, 0.5), (5, 1)
 - 2: (1, 1), (3, 0.5), (4, 0.5)
 - 3: (1, 1), (2, 0.5), (5, 0.5)
 - 4: (1, 0.5), (5, 0.5)
 - 5: (1, 1), (4, 0.5)
- finish it you get the idea!