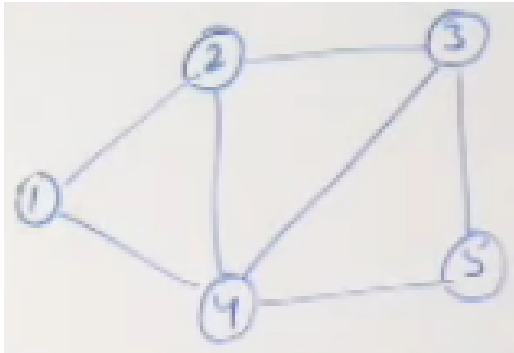


Graph Representation via Adjacency Matrix



How would we represent this on a computer?

We use the Adjacency Matrix:

	1	2	3	4	5
1	0	1	0	1	0
2	1	0	1	1	0
3	0	1	0	1	1
4	1	1	1	0	1
5	0	0	1	1	0

Notice how there is no edge connecting:

1-to-1

2-to-2

3-to-3

4-to-4

5-to-5

... which is why we put zeros on those spots.