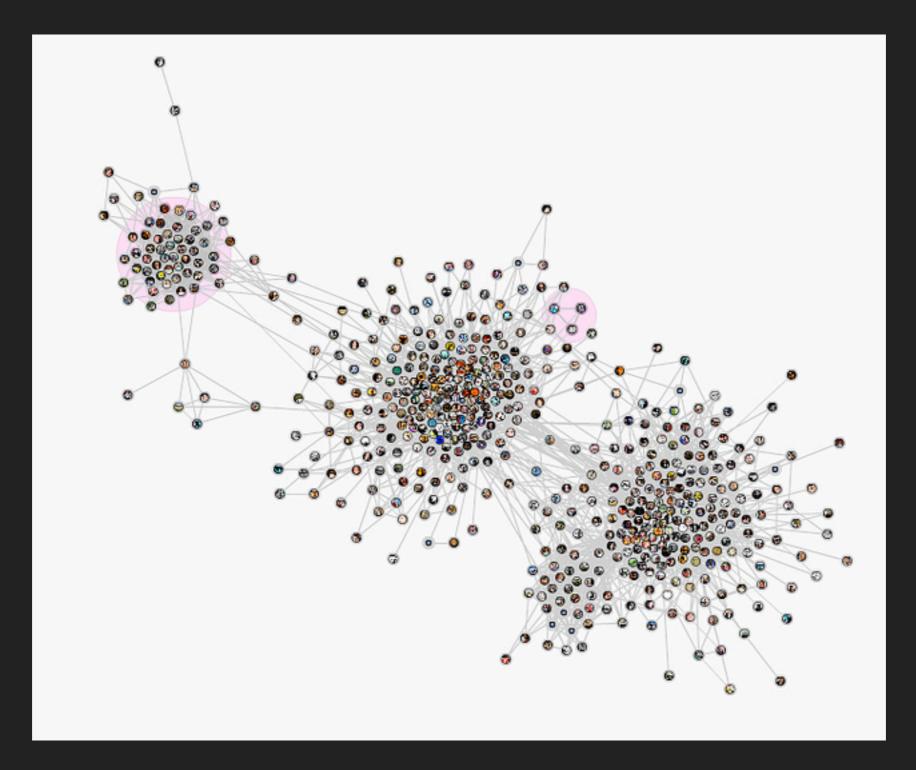
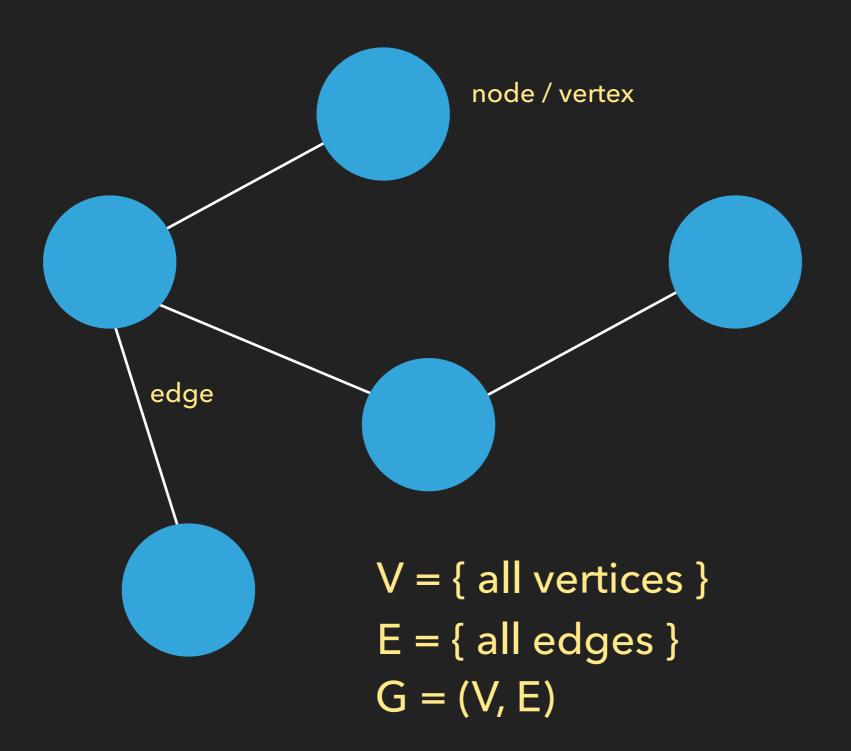
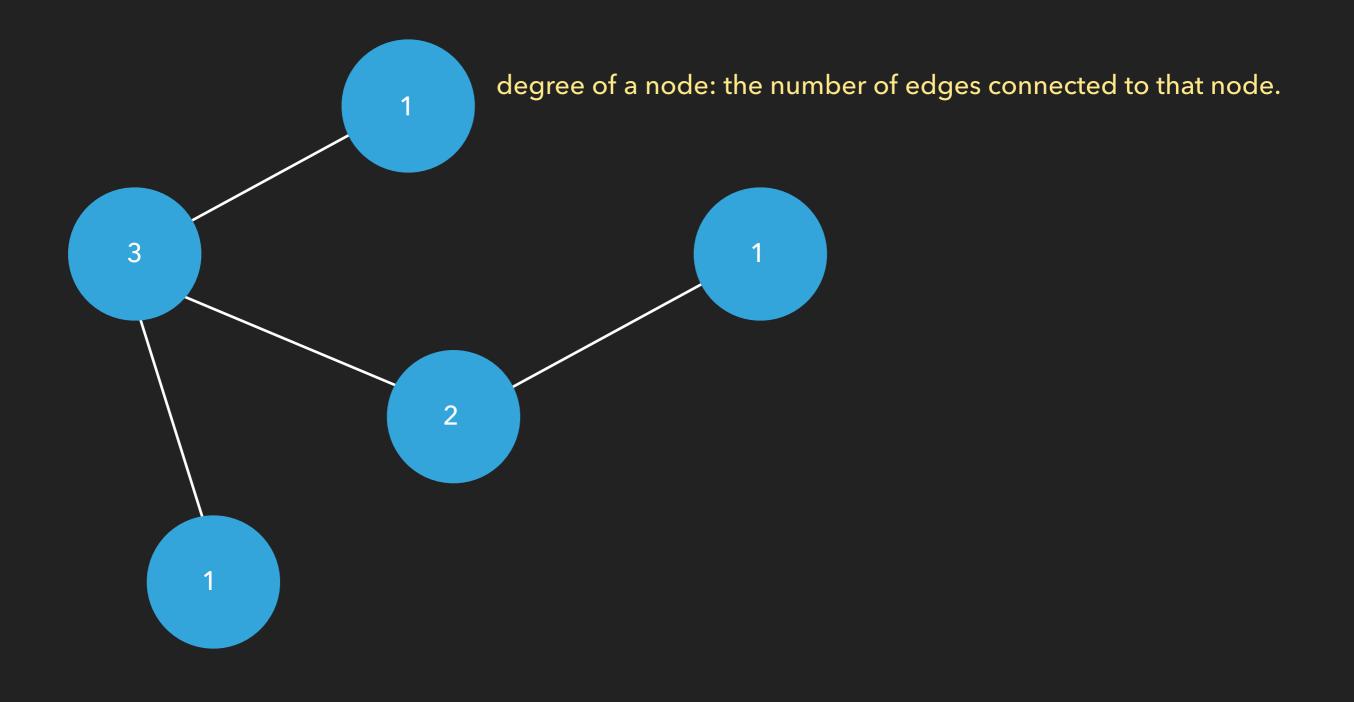
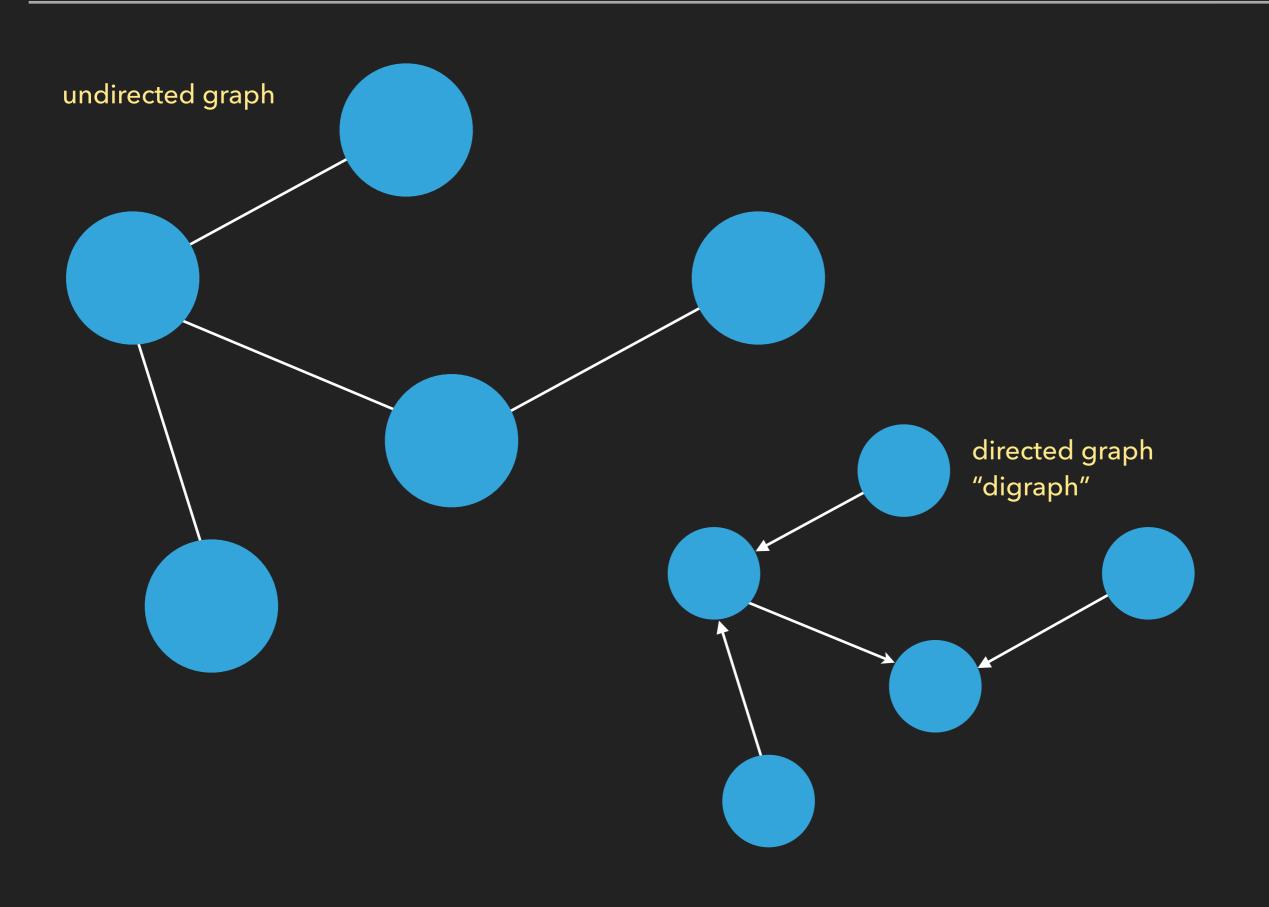
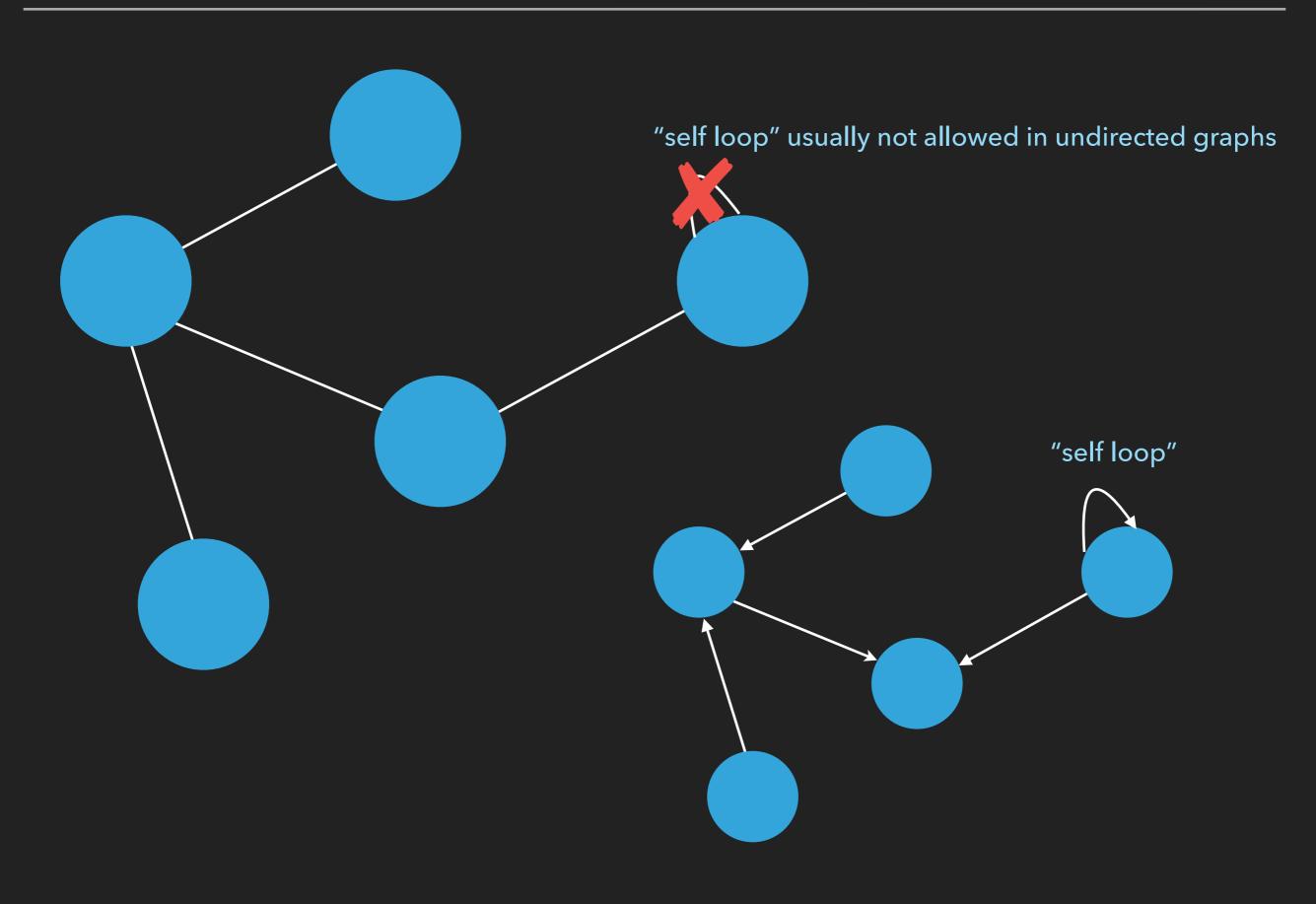
CSC 240

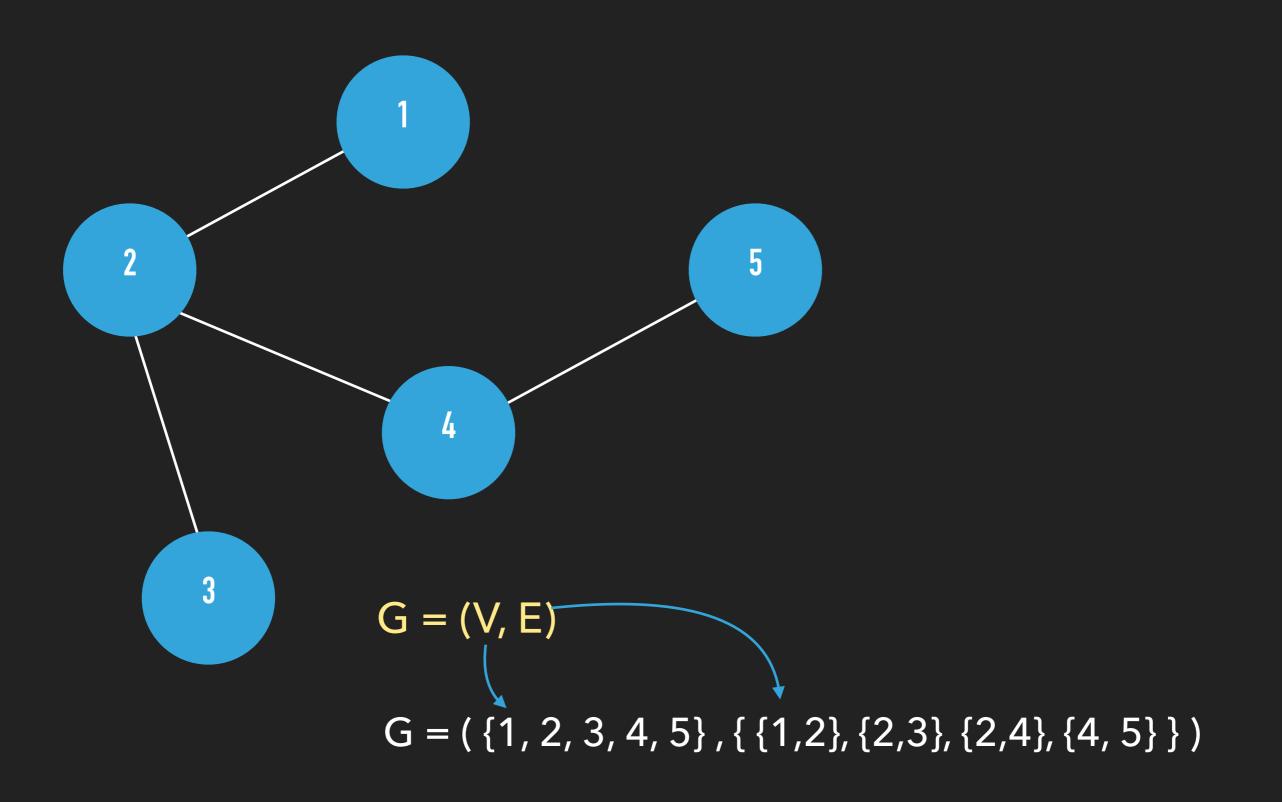


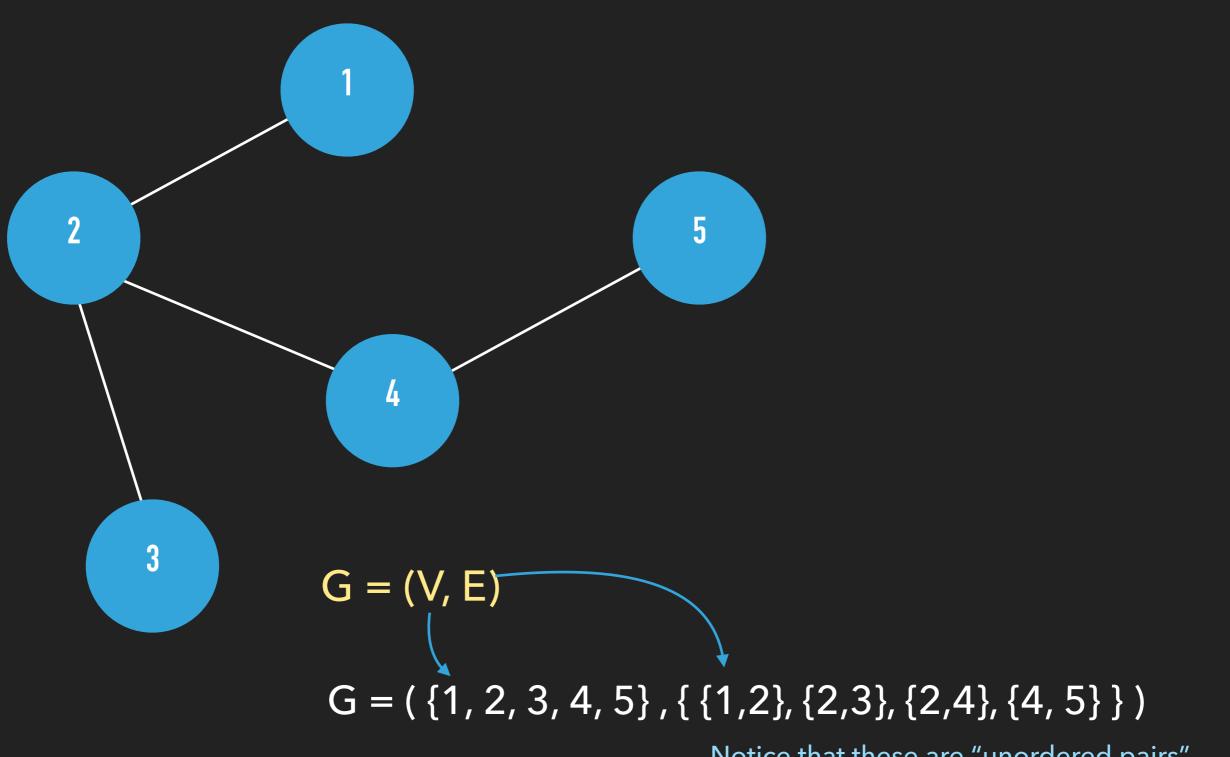




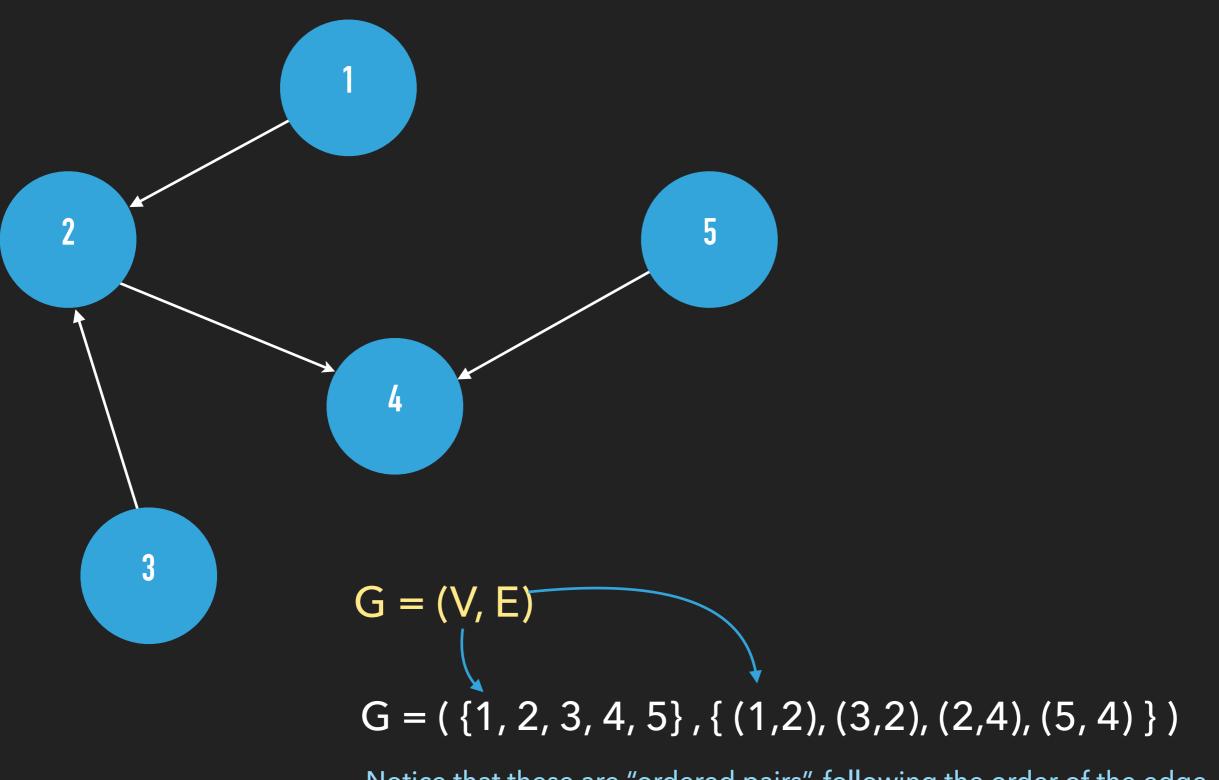




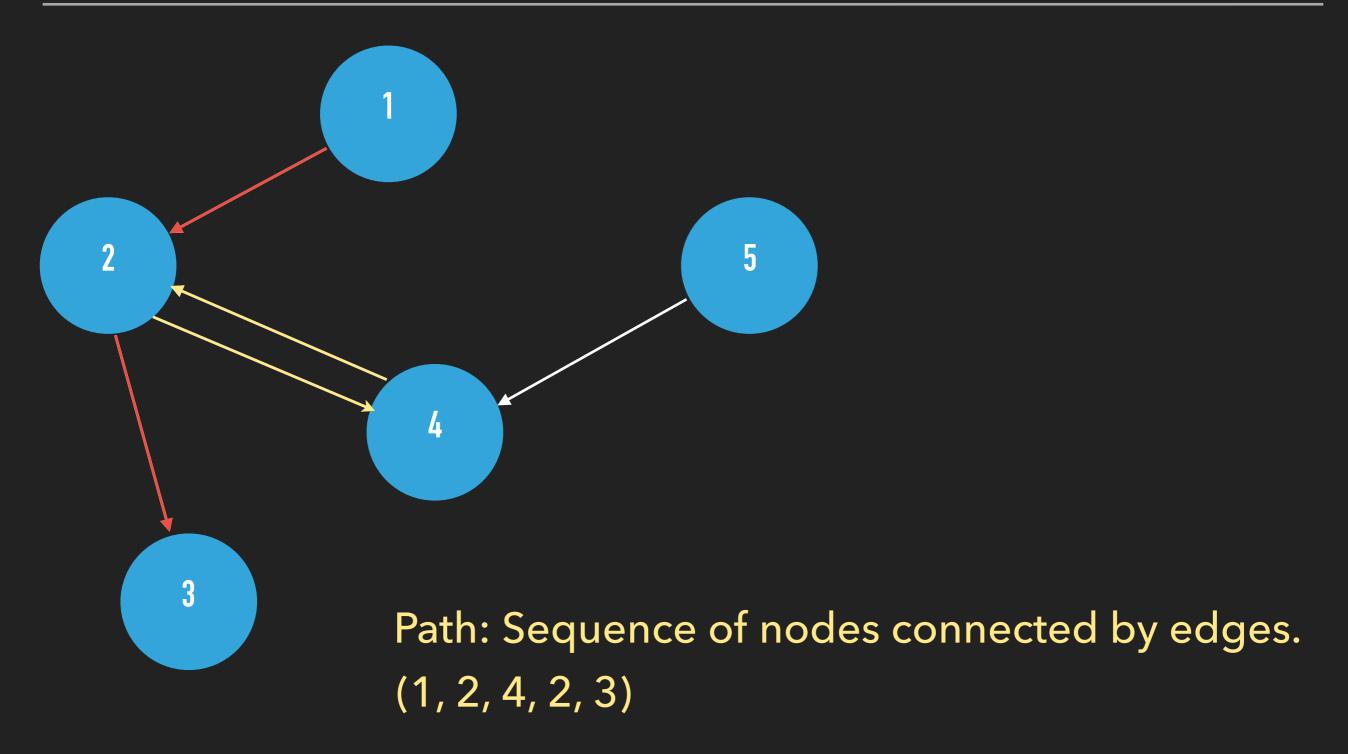




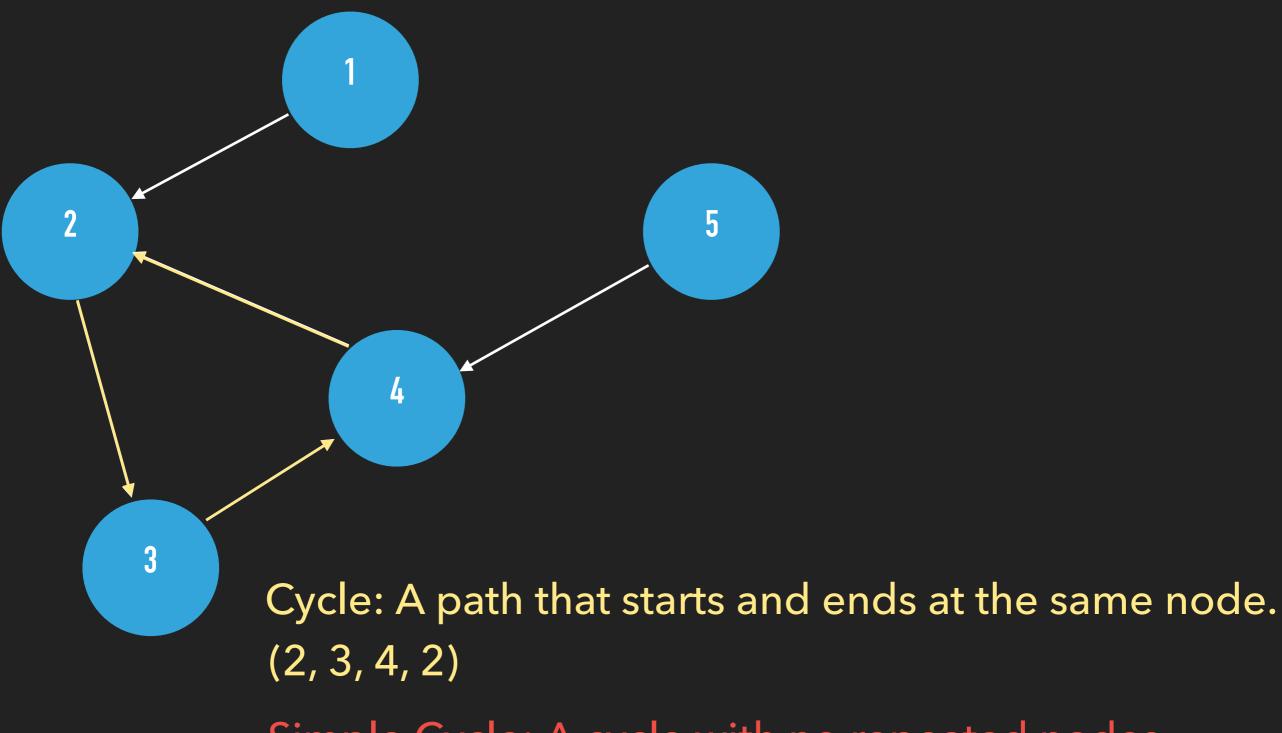
Notice that these are "unordered pairs"



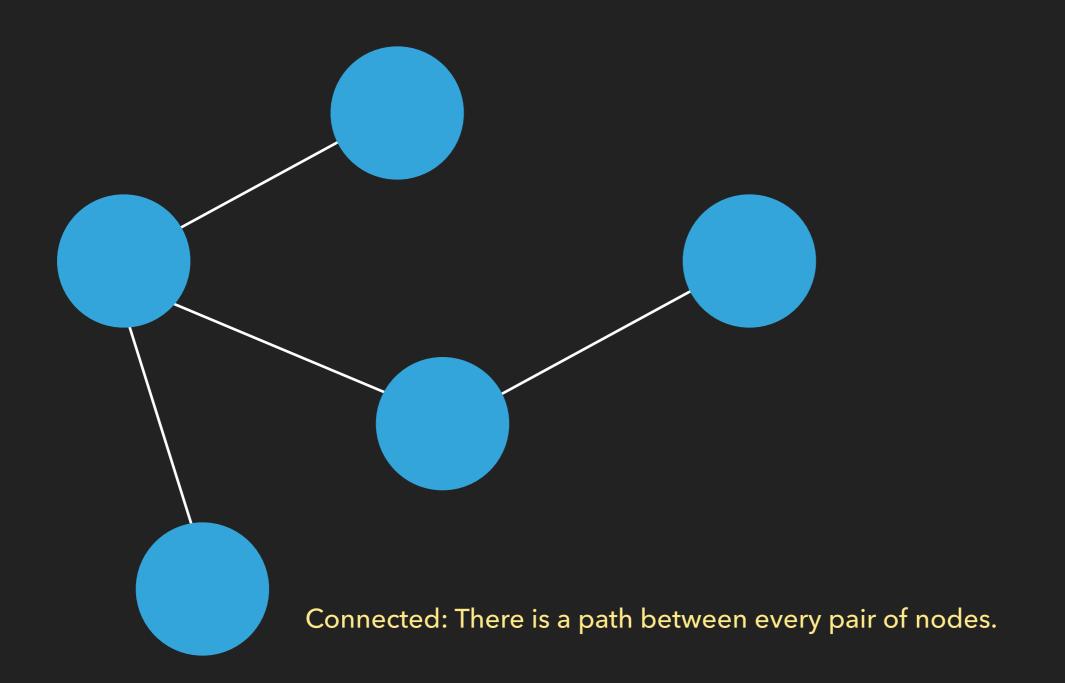
Notice that these are "ordered pairs", following the order of the edge.

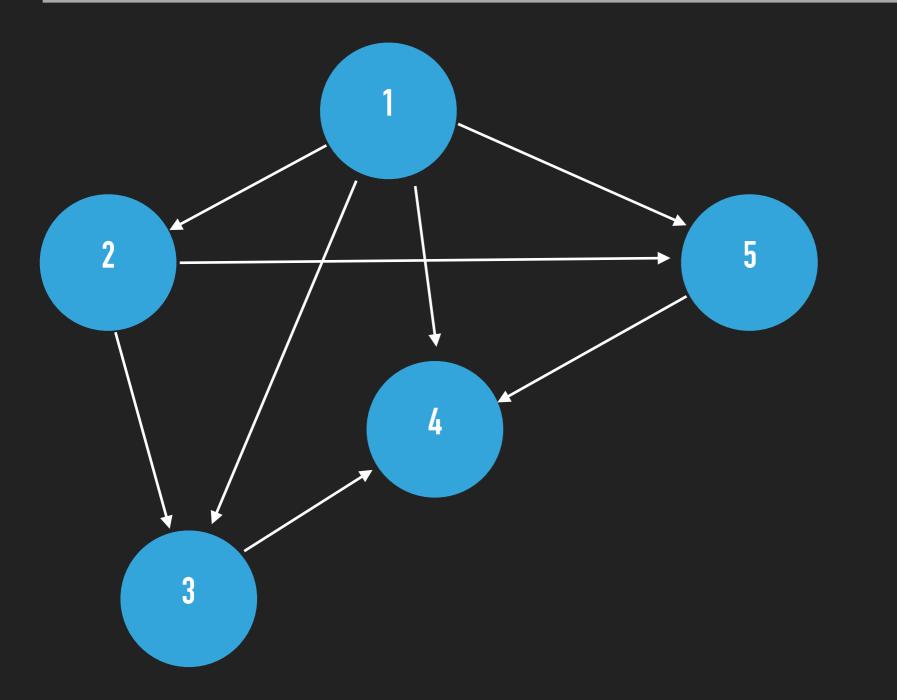


Simple Path: A path with no repeated nodes. (1, 2, 3)

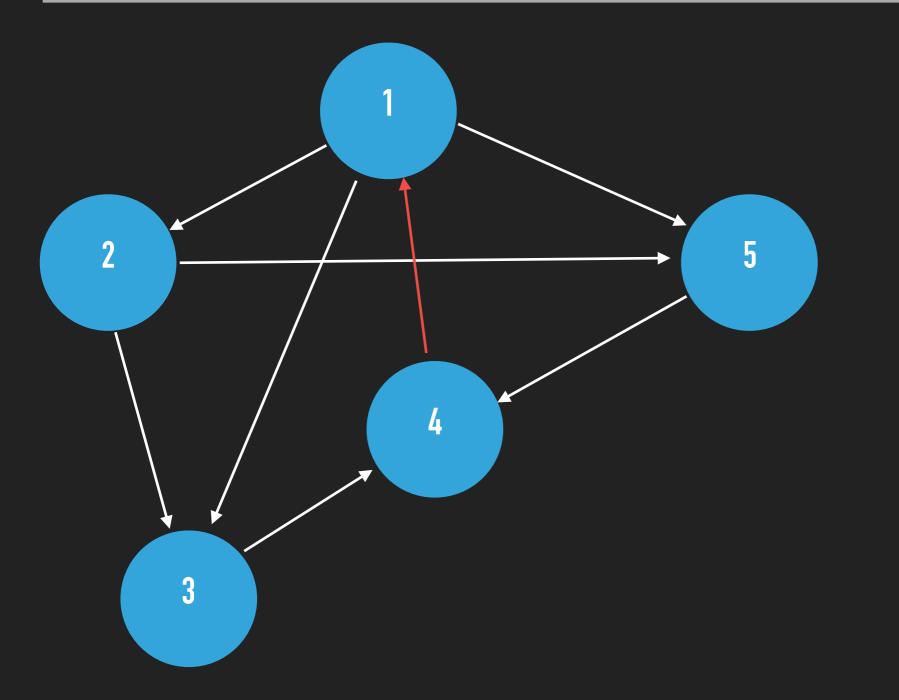


Simple Cycle: A cycle with no repeated nodes except the first and the last.





Strongly Connected: There is a **directed** path between every pair of nodes. What needs to change about this graph to make it strongly connected?



Strongly Connected: There is a **directed** path between every pair of nodes. What needs to change about this graph to make it strongly connected?