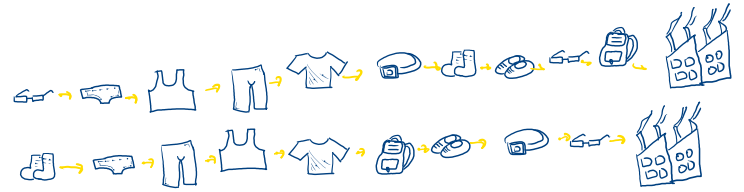
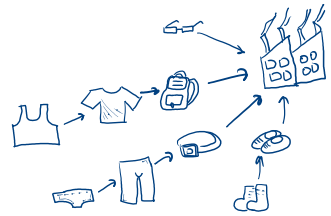
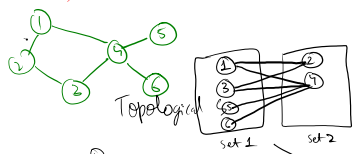
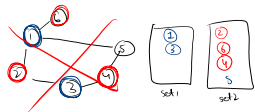


Topological sort

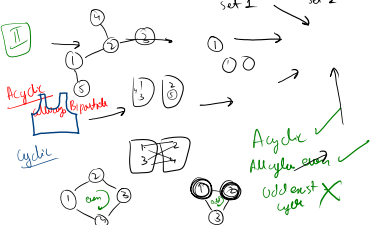


Is graph Bipartite?

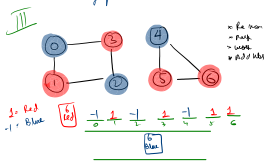
I If you can divide the vertices of a graph in two mutually exclusive and exhaustive sets such that all edges are across set the graph is said to be bipartite.



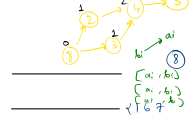
Topological



Any graph having an odd length cycle
The graph is **not bipartite**



Kahn's algo



- 1) Calculate indegree for every node
- 2) Add all nodes having indegree 0 to the Queue
- 3) Start BFS
Remove
mark
visit
Add nbrs



Deadline

