1. Topological sorting
2. Minimal spanning Trees
3. Shortest path algorithms

**Topological sorting:**

* For directed acyclic graph, not possible otherwise.
* Linear ordering of vertices such that every directed edge uv, vertex u comes before v in the ordering.
* There can be more than one topological sorting for a graph
* Order vertices so that edges point from lower order to higher order

Applications:

* Build systems
* Advanced-packaging tool
* Task scheduling
* Pre-req problems

References:

* <https://www.geeksforgeeks.org/topological-sorting/>
* <https://www.youtube.com/watch?v=AfSk24UTFS8> from 42:00
* <https://www.youtube.com/watch?v=HyVI8-nHgEg>
* <https://www.youtube.com/watch?v=ddTC4Zovtbc>
* <https://m.blog.naver.com/PostView.nhn?blogId=ndb796&logNo=221236874984&proxyReferer=https%3A%2F%2Fwww.google.com%2F>
* <https://m.blog.naver.com/occidere/220921661731>