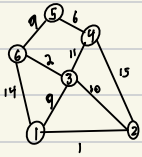
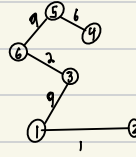


The minimum spanning tree of a graph is collection of edges that connects all vertices with minimum total edge weight. Resulting in a tree that forms no cycles.

Ex.



Full Graph



spanning tree.