Abstract

An algorithm for minimum spanning tree[1] is discussed here. Apart from the traditional Kruskal's[2] and Prim's[3] algorithm for finding the minimum spanning tree, yet another algorithm for the same purpose is described here. Initially we form a forest and then we convert the forest into the minimum spanning tree.

Reference

- http://en.wikipedia.org/wiki/Kruskal%27s_algorithm
- http://en.wikipedia.org/wiki/Prim%27s_algorithm

Index Terms
Graph: It is a collection of nodes. It mainly consists of two elements - vertices and edges.

Vertex: It is simply drawn as a node or dot.

Edge: It is a line connecting two vertices.

Degree: It is the total number of edges incident on a vertex.