MINIMUM SPANNING TREE

Prim's algorithm

1. Represent the given graph in matrix form
2. Select an array to represent the length of edges in a square matrix
3. The length of two edges is assigned to a hypothetical infinity if unconnected
4. The graph is scanned for the minimum span which provides the starting node
5. Now all the nodes are scanned one by one each time the spanning tree being selected and track is stored in an array
6. The minimum distance is tracked down using a variable
7. The shortest span nodes and shortest distance are then displayed