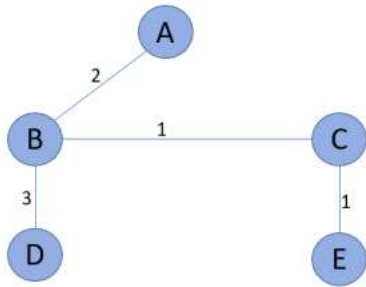
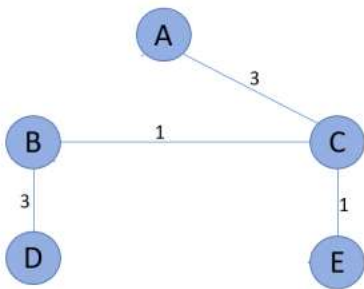


1A



1B



2B Primms algorithim finds a solution by adding the next cheapest vertex to the existing tree where as kruskal's finds a solution from the cheapest edge by adding the next cheapest edge to the existing tree.

3A The above code uses a depth-first technique to search for all the paths from source to destination, we accumulate all the paths in a list (res) and print the minimum out of them

3C  $O((mn)^2)$