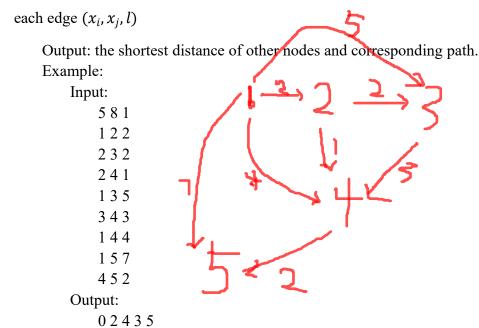


E05-02. Implement Dijkstra algorithms of single-source shortest path and give some examples to test it.

Input: a directed graph with n nodes and e edges, source node s, the length of



Exercises

Example:

Input:

1

E05-03. Implement algorithms of minimum spanning tree and give some examples to test it.

Input: a undirected graph with n nodes and e edges, the length of each  $edge(x_i, x_i, l)$ 

Output: the sum of all edges in minimum spanning tree.

## Example:

