

Assignment 9: Kruskal Minimum Spanning Tree

1. Write a program to that takes as input n pairs of cities that are connected along with the distance (c_i, c_j, d_{ij}). Find the shortest set of roads to construct so that all the cities are interconnected.

Input:

3

Allahabad Kanpur 220

Varanasi Allahabad 120

Kanpur Varanasi 450

Output:

340