Problem: Shortest path of Intervals

Given a set of weighted intervals, find a minimum weight subset covering the union of all the intervals. Assume that there is no gap.

Format:

The first line is the number of test cases. The first line of each test case is n, and each of the following n lines is the data of an interval. Each interval is given by it left-end, right-end and its weight in this order. The coordinates are at most 10^5, n<=10^5, and the weights are at most 100.