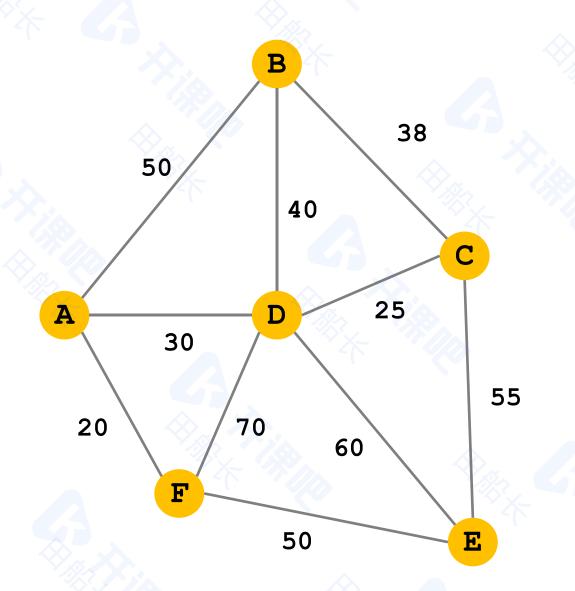


田船长

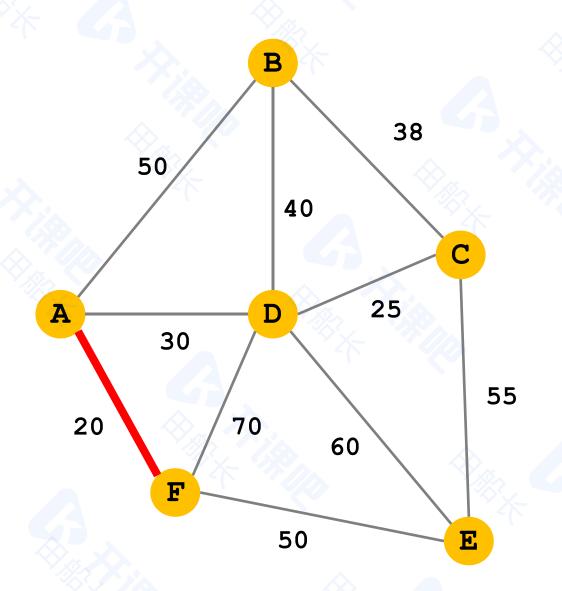
- 1. 初始化并查集,将所有边按照权值排序
- 2. 按照权值从小到大,依次遍历所有边
- 3. 遍历一条边时,判断这条边的两个端点是否相连(并查集)
- 4. 若相连,则这条边不是最小生成树中的一条边
- 5. 若不相连,则这条边是最小生成树中的一条边,连通这两点
- 6. 继续这个过程,直到所有点均已连通



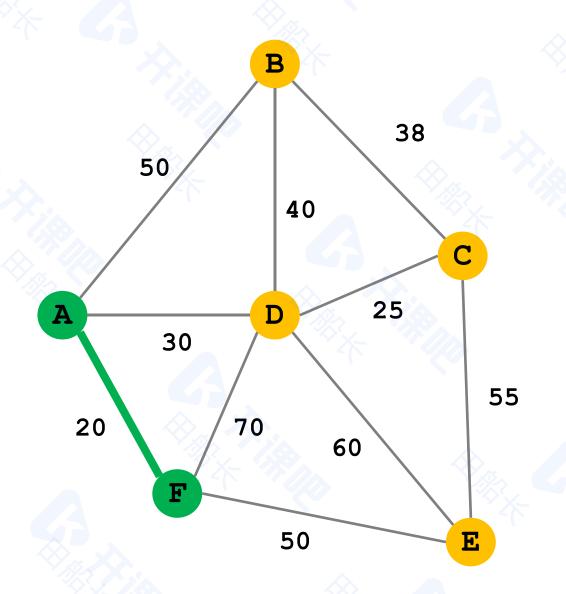


使用Kruskal算法 求解最小生成树

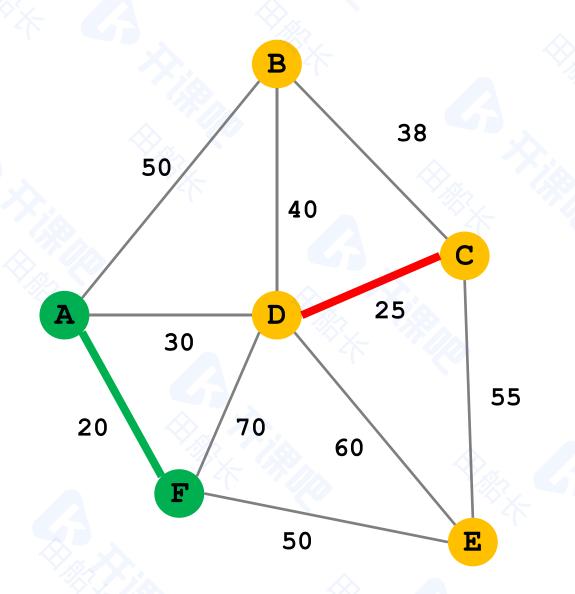




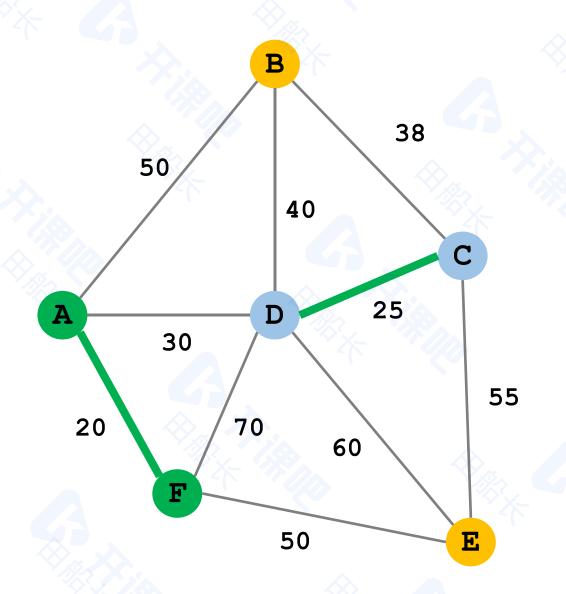




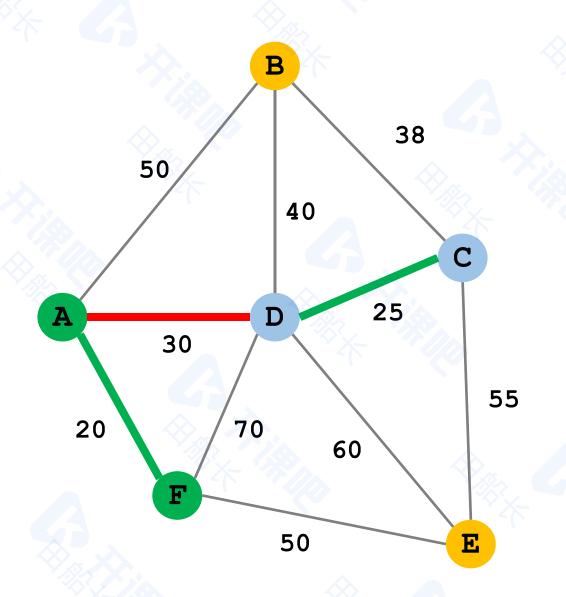




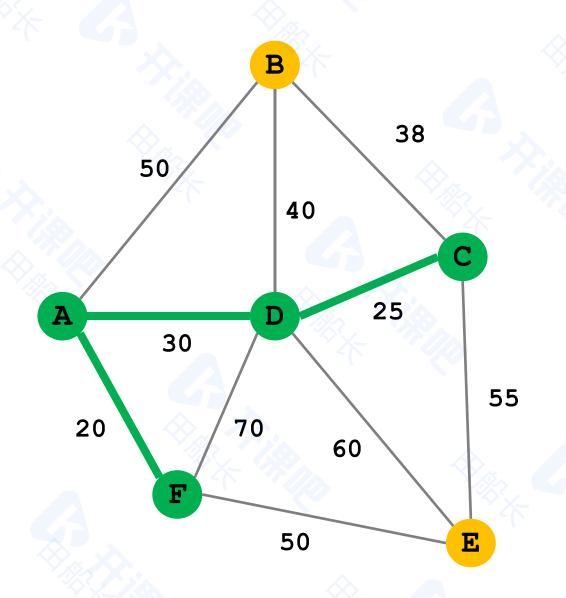




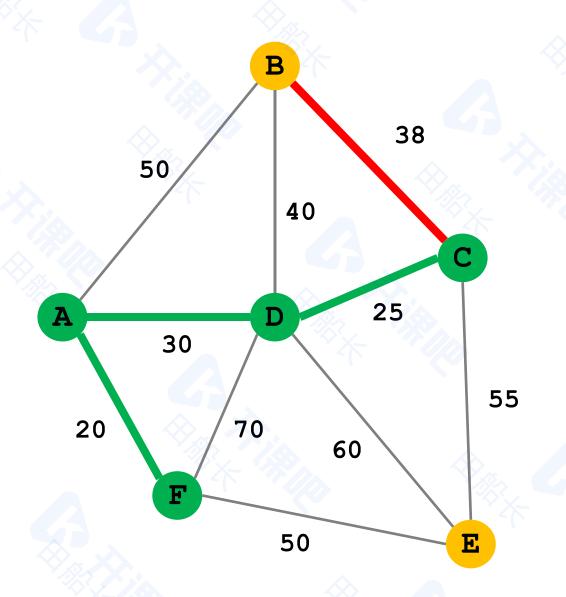




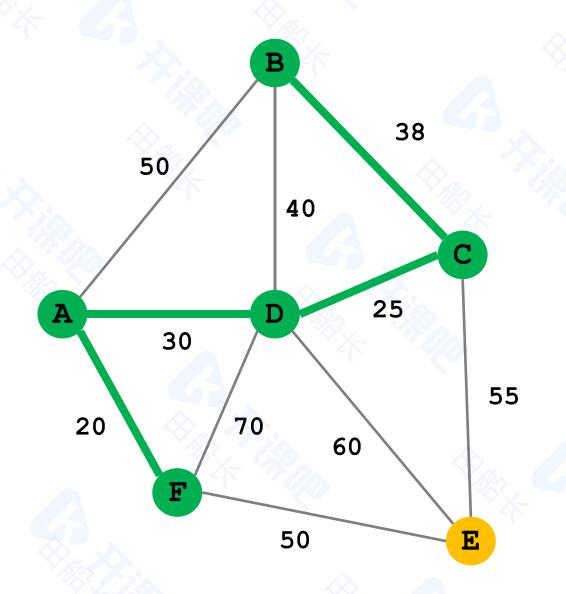




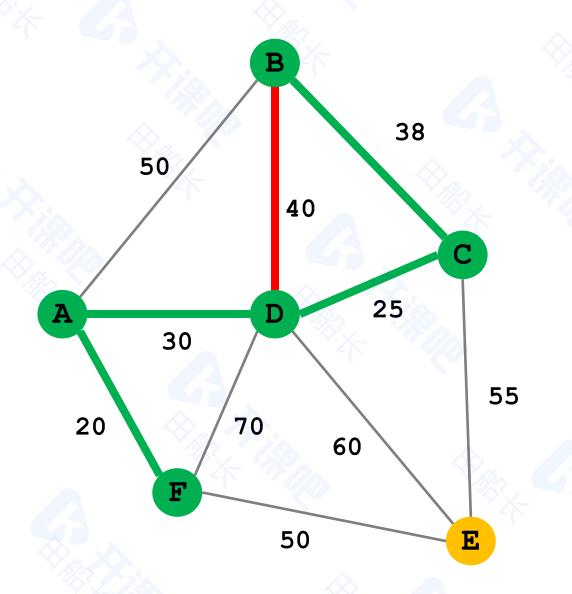




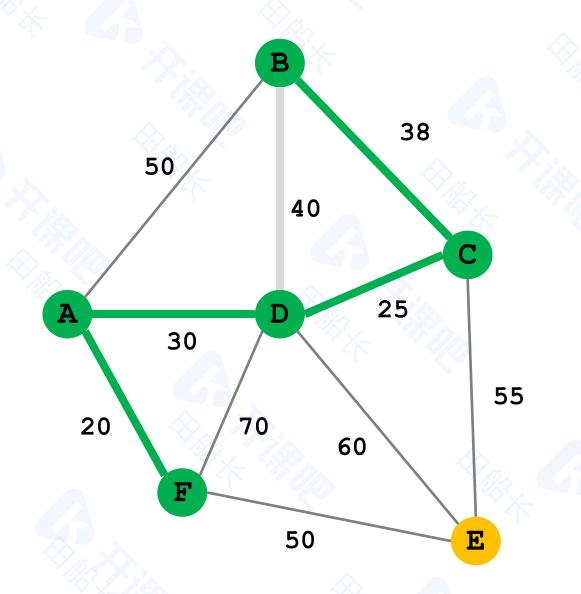






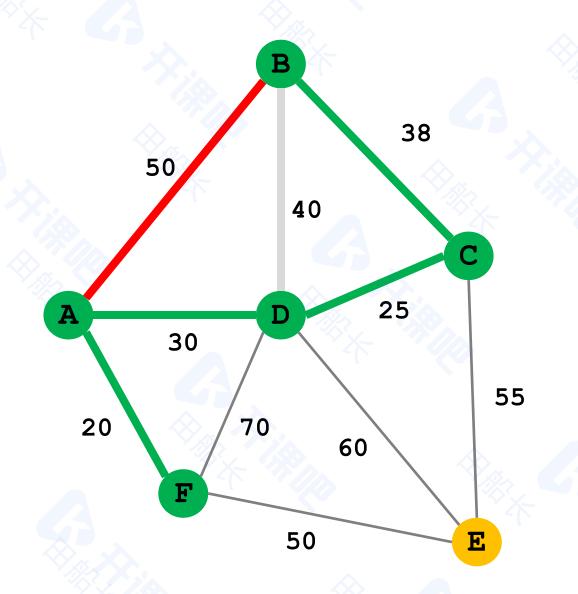




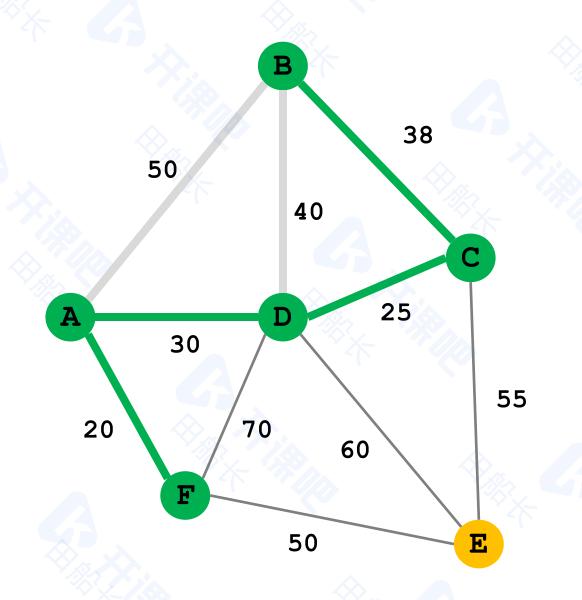


这条边的两个端点相连 什么也不做



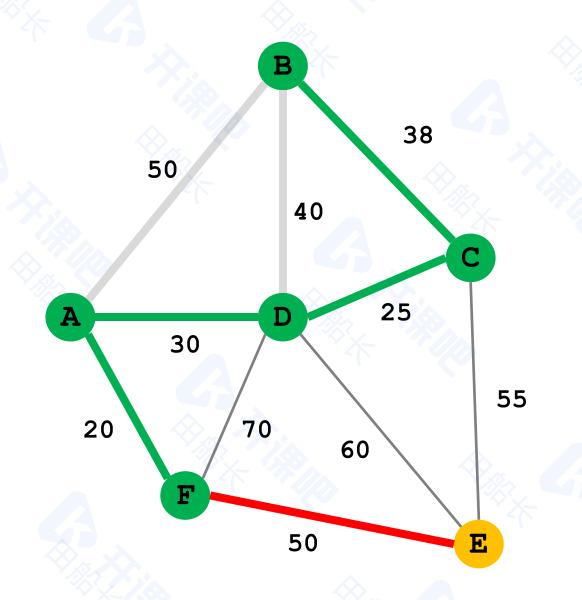




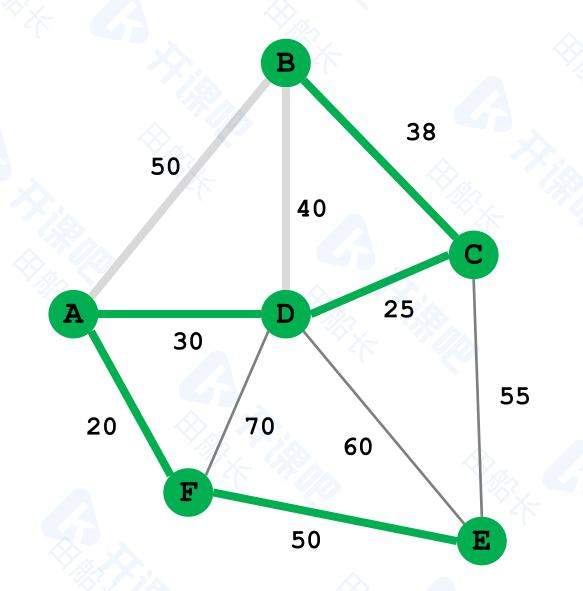


这条边的两个端点相连 什么也不做

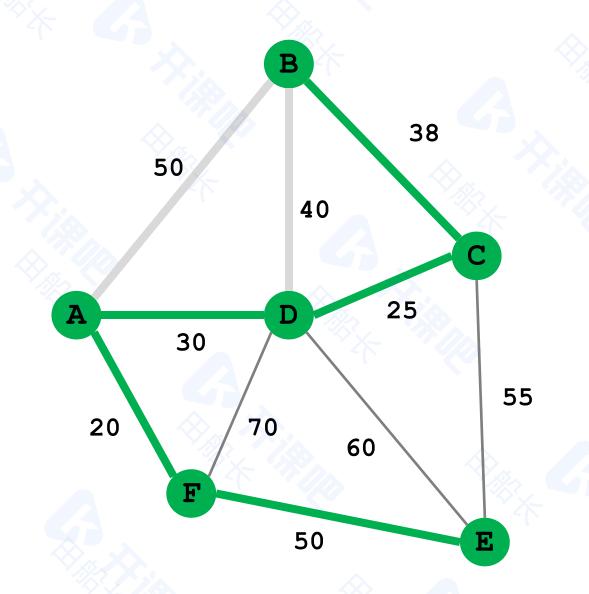












共有n个点 选出了n-1条边 此时所有点均已连通 最小生成树求解完毕