2196. Create Binary Tree From Descriptions

```
Time complexity: O(nlogn)
    Extra space complexity: O(n): adjacency list,
                                 O(n): recusrion,
                                 O(n): has_parent
     [[40,50,1],[40,60,0],[60,70,0],[10,20,1],[20,40,1],[10,30,0]]
     [[39,70,1],[13,39,1],[85,74,1],[74,13,1],[38,82,1],[82,85,1]]
class Solution {
  public:
    std::map<int,std::vector<ii>> adj;
  public:
    void build_adjacency_list(std::vector<std::vector<int>>& descriptions){
       for(auto& desc: descriptions){
         adj[desc[0]].push_back({desc[1],desc[2]});
       }
     }
    int find_root(std::vector<std::vector<int>>& descriptions){
       std::map<int,bool> has_parent;
       for(auto& desc: descriptions){
           has_parent[desc[1]]=true;
       }
       for(auto& desc: descriptions){
           if (!has_parent[desc[0]]) return desc[0];
       }
       return -1;
    TreeNode* createBinaryTree(std::vector<std::vector<int>>& descriptions){
       build_adjacency_list(descriptions);
       int root_value=find_root(descriptions);
       auto solve=[&](int node_value,auto& self)->TreeNode*{
         TreeNode* node=new TreeNode(node value);
         for(auto& p: adj[node_value]){
           TreeNode* res=self(p.first,self);
           if(p.second==1) node->left=res;
            else node->right=res;
         return node;
       };
       return solve(root_value,solve);
     }
};
```