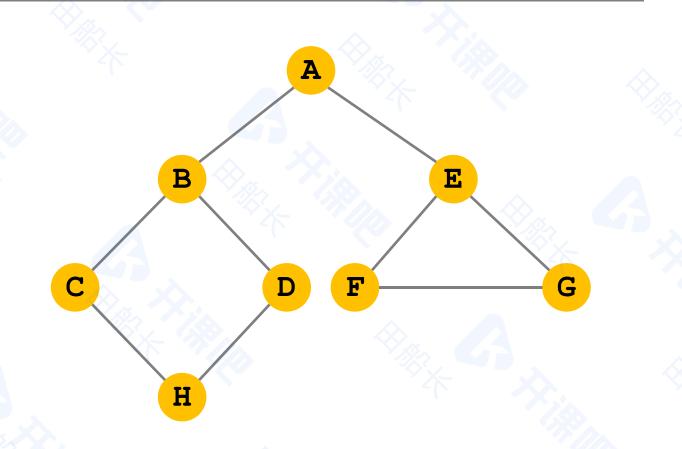


# 图的广度优先遍历

田船长

从起点出发,先遍历所有连通的点接下来按照遍历的顺序 接下来按照遍历的顺序 继续遍历每个点相连通的点 广度优先遍历一般使用队列实现



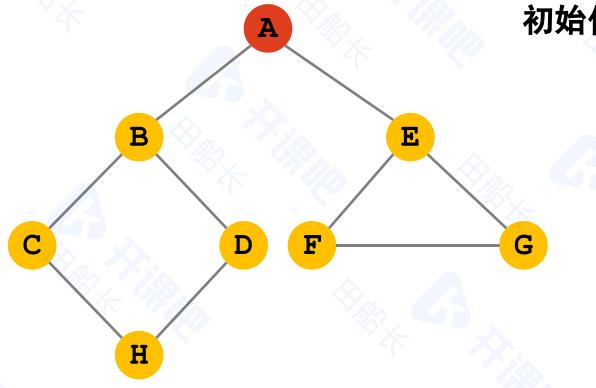


遍历序列:



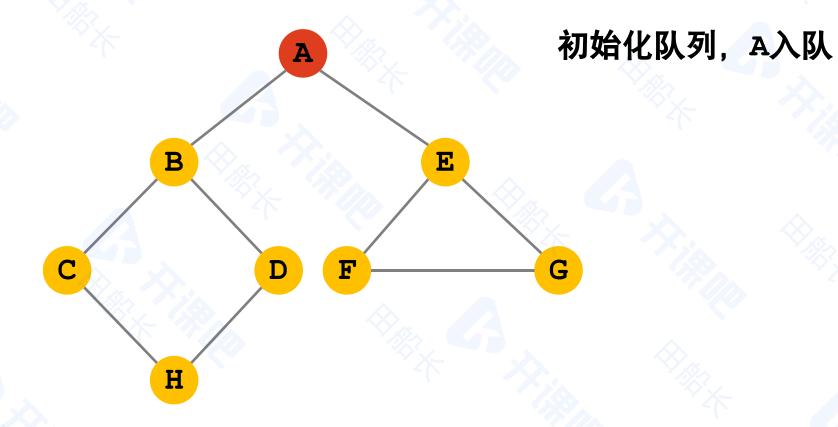


初始化队列, A入队



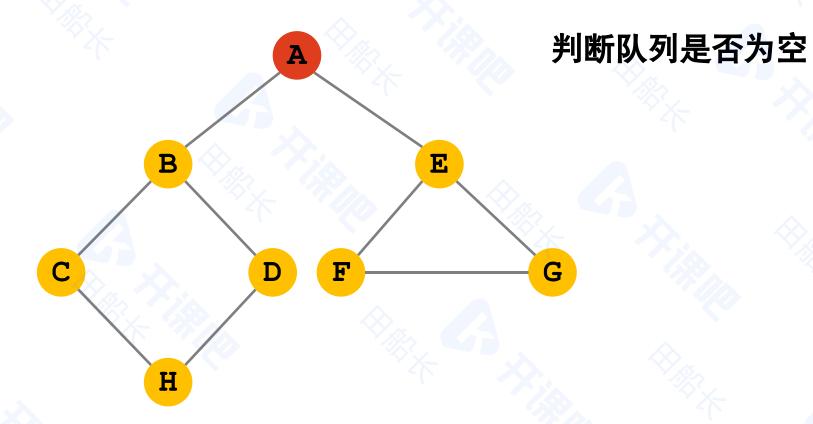


A PART OF THE PART





A Part of the second se





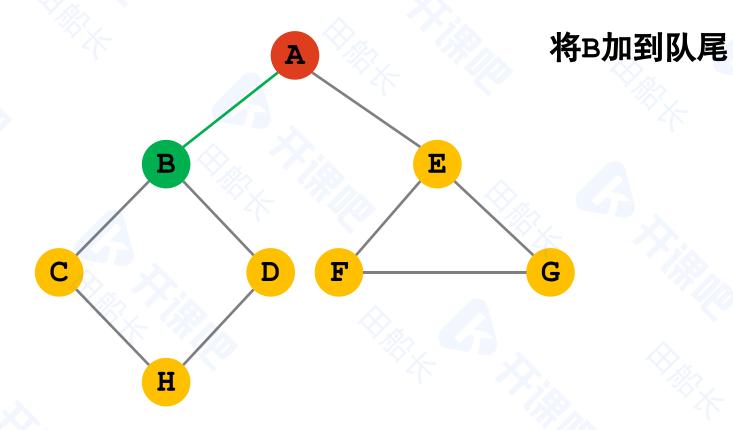
A

注意此时可以选择两个点 无特殊要求时 可以随意选择 之后同理

枚举未被访问过的 队首元素的相邻顶 点B E G



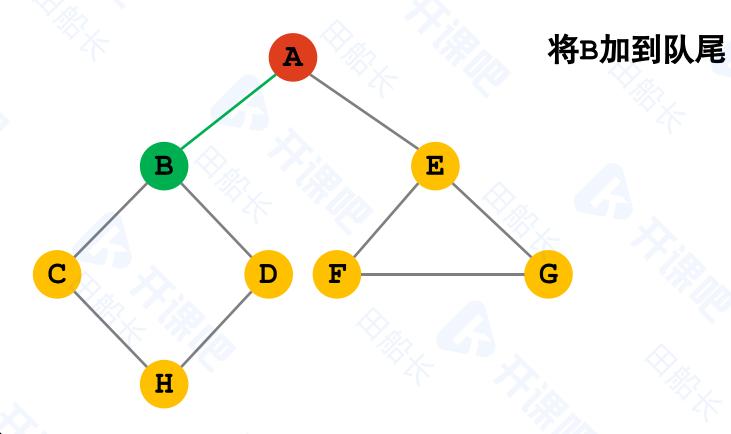
A B



遍历序列: A B



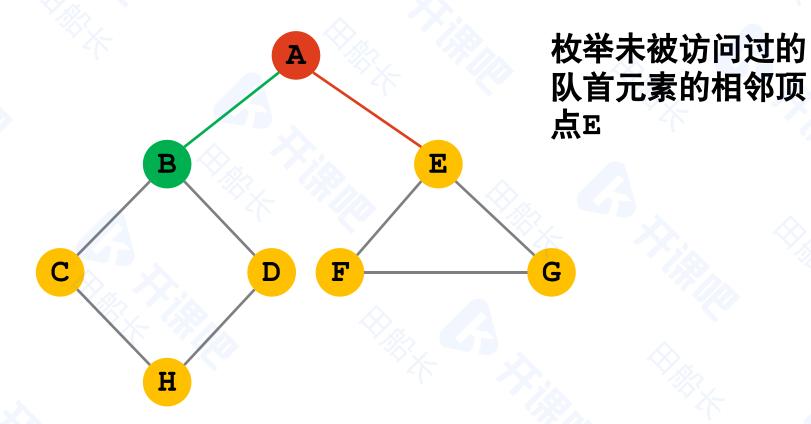




遍历序列: A B

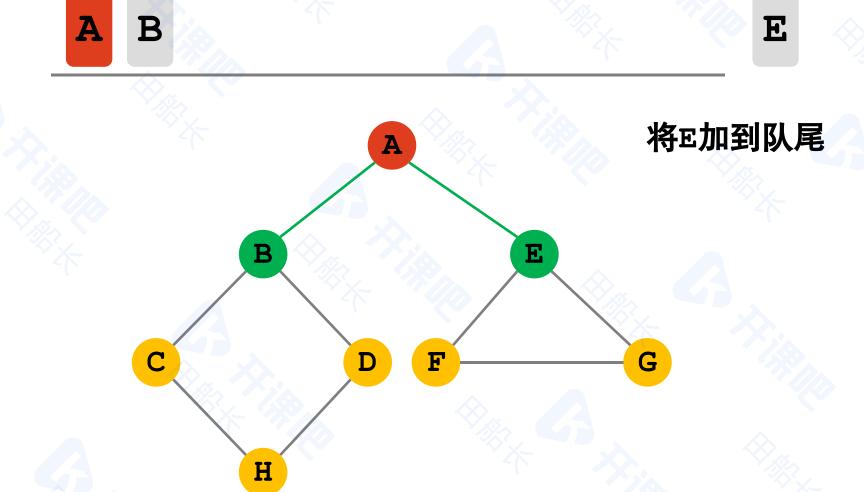






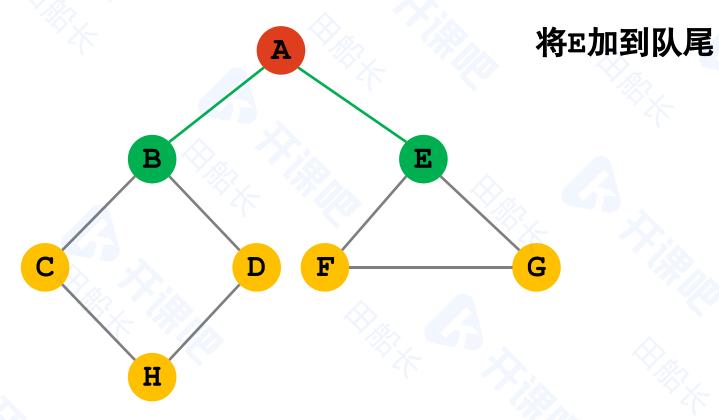
遍历序列: A B



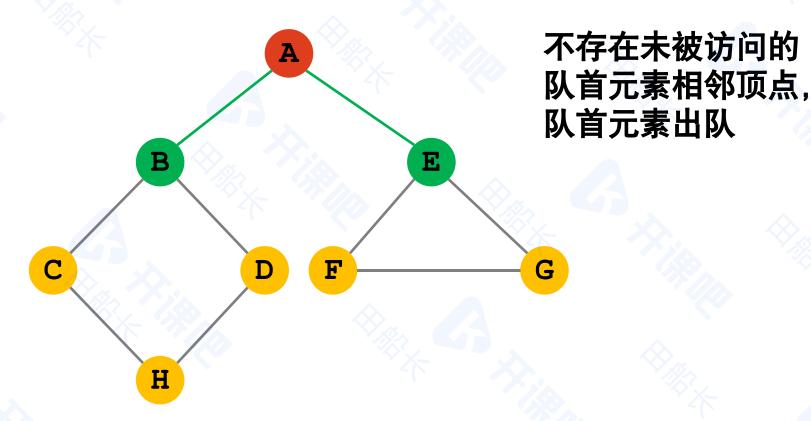






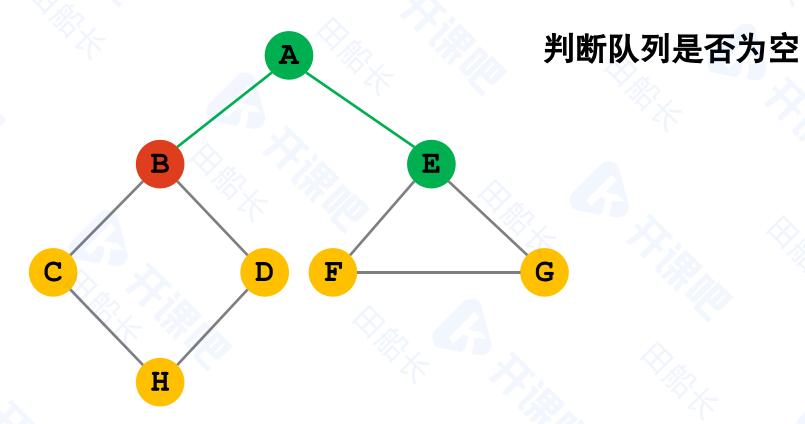






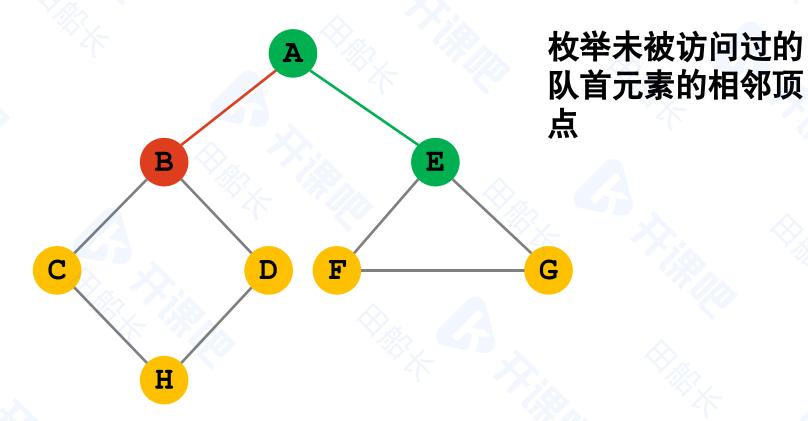


BE



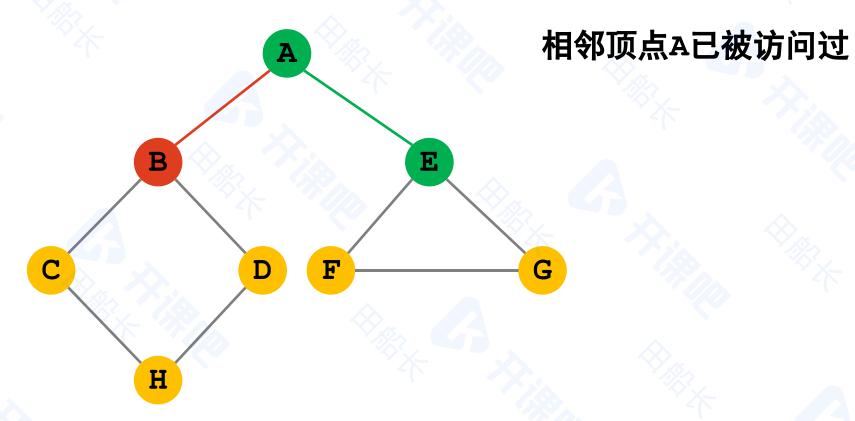






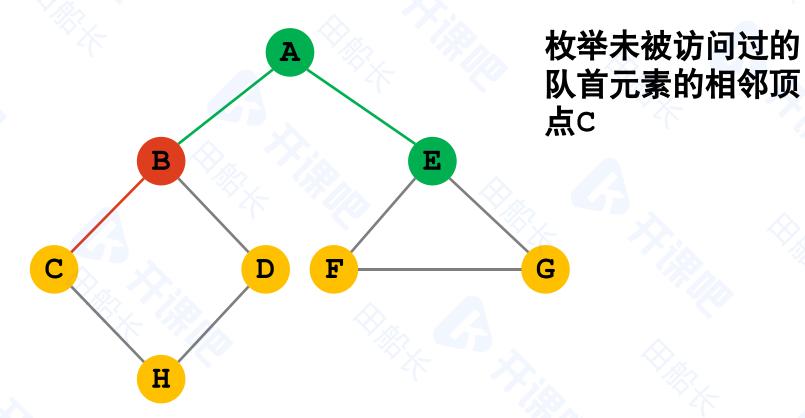




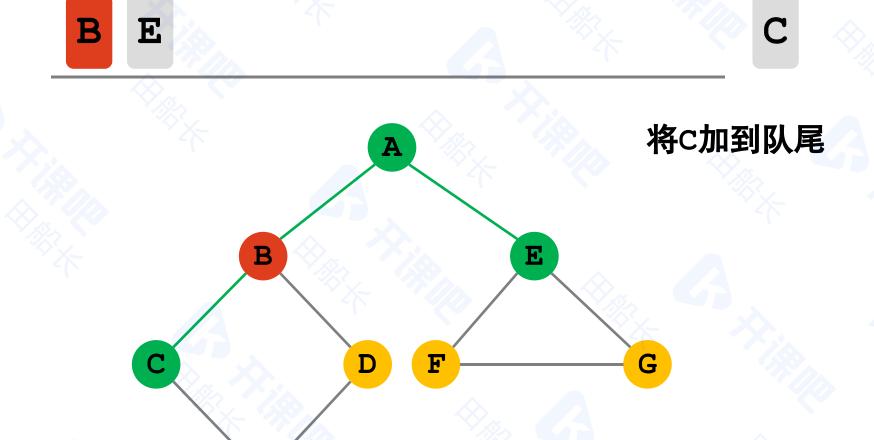






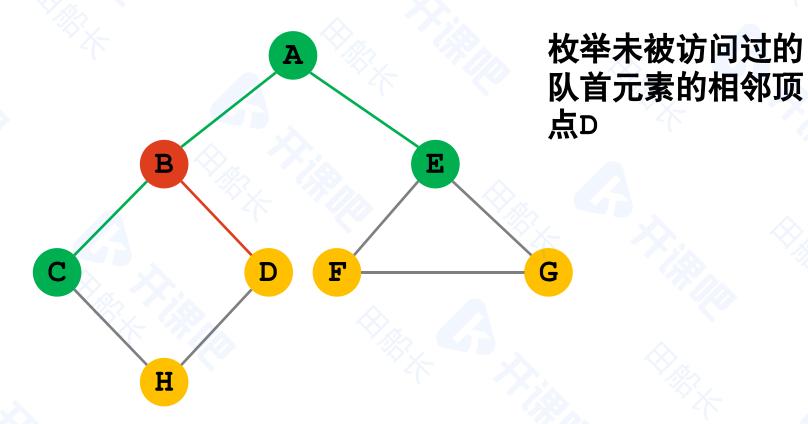




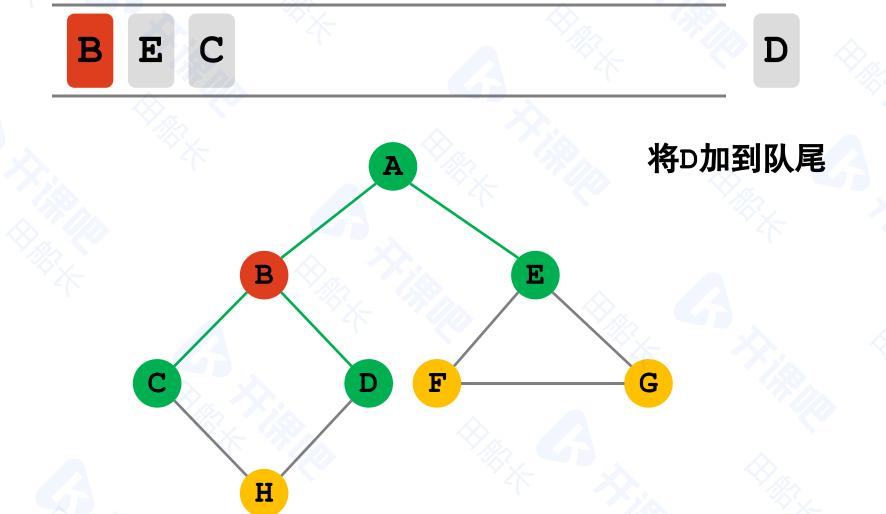






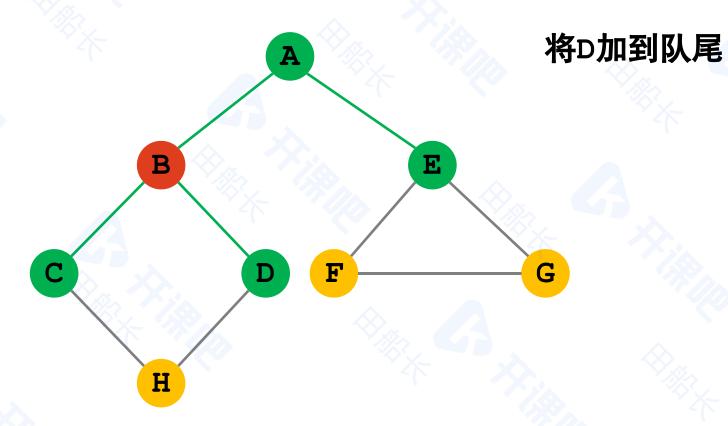




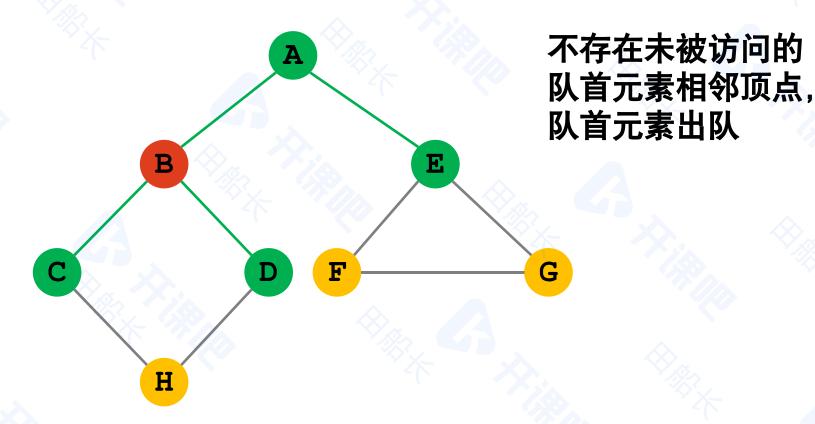






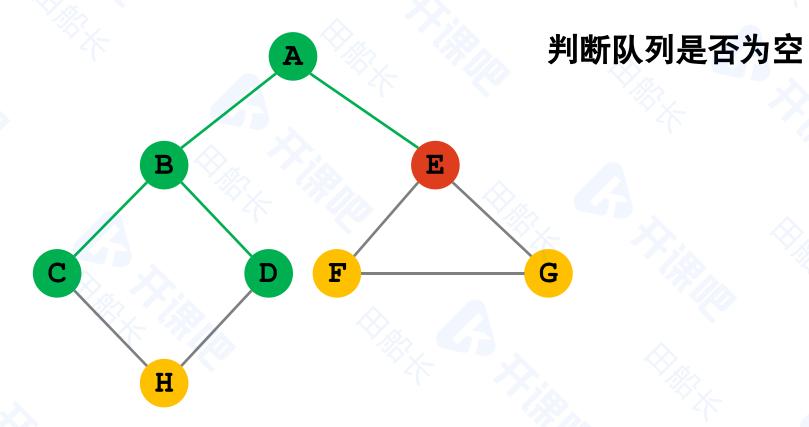






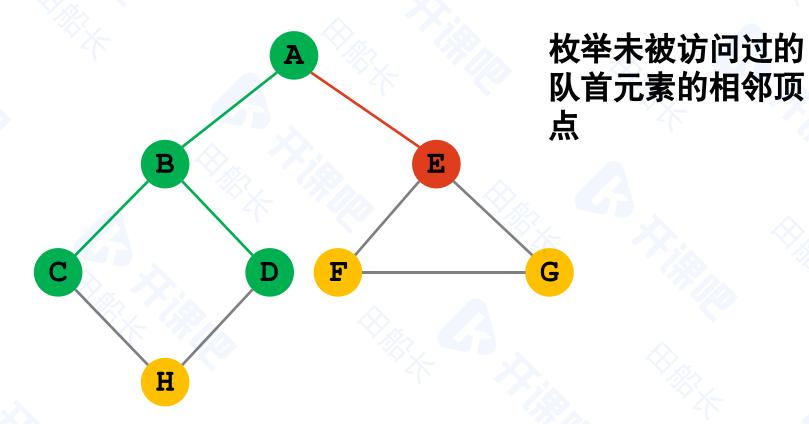






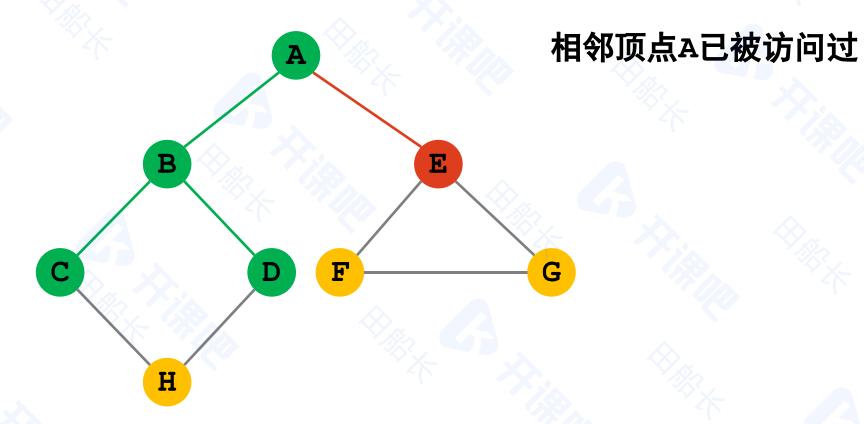






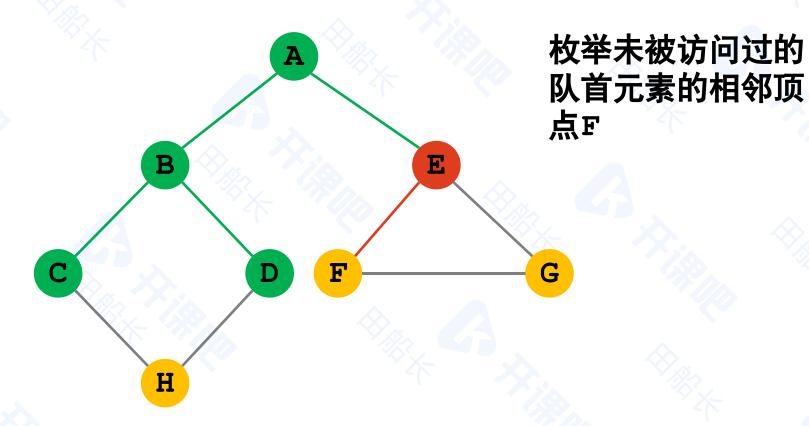




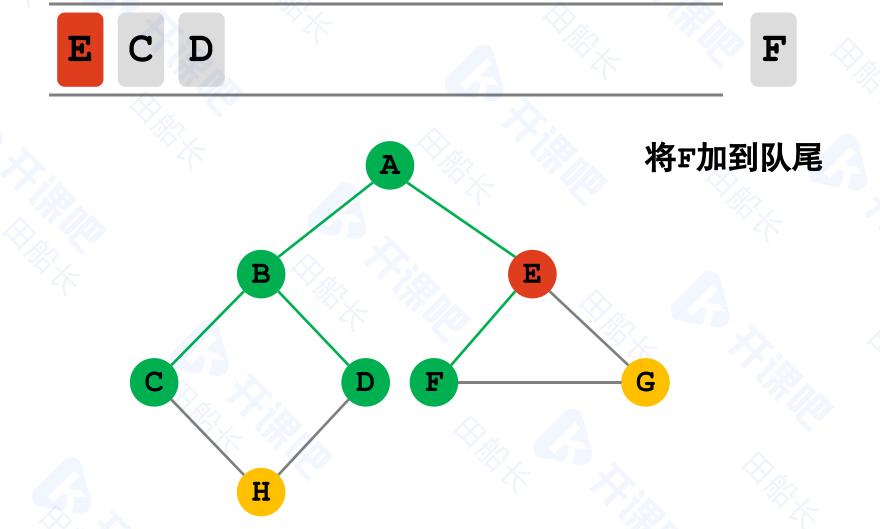






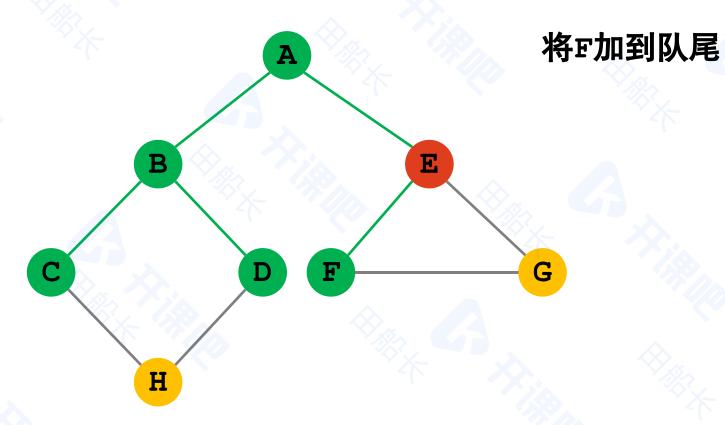






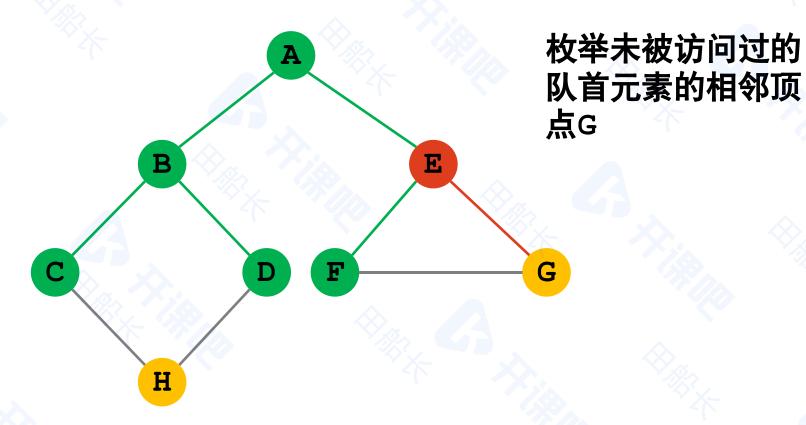




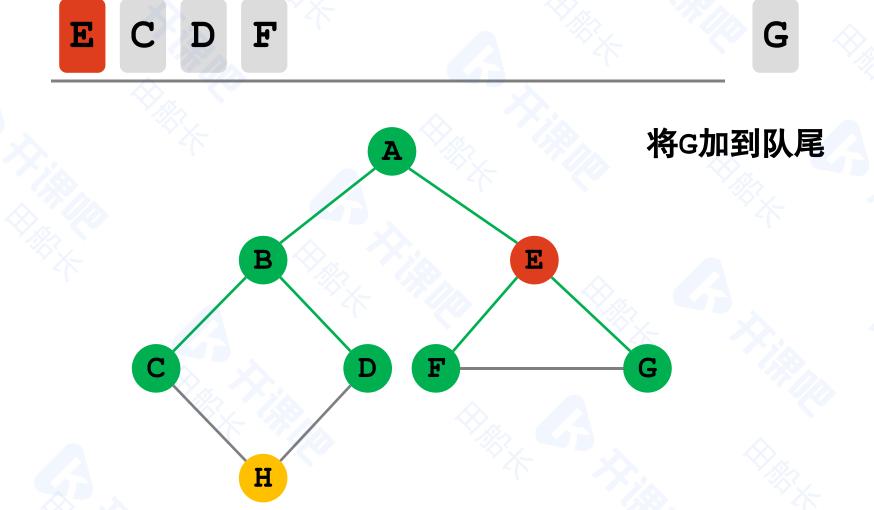






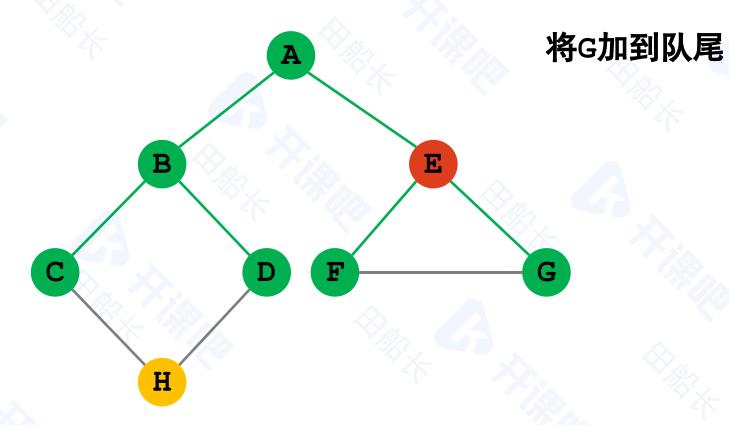






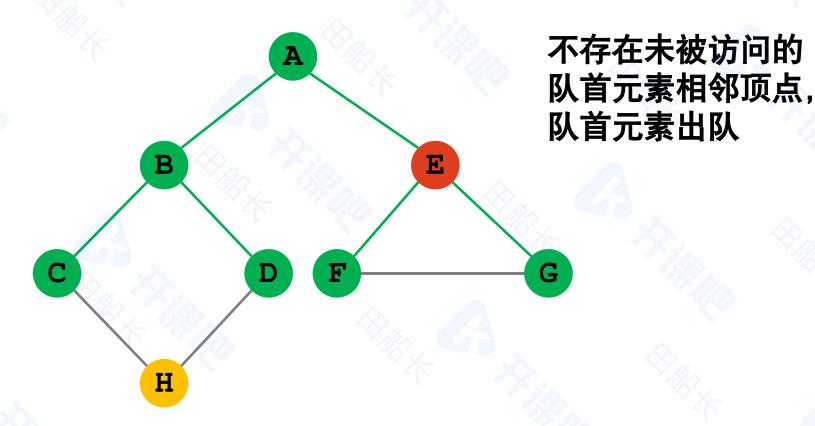






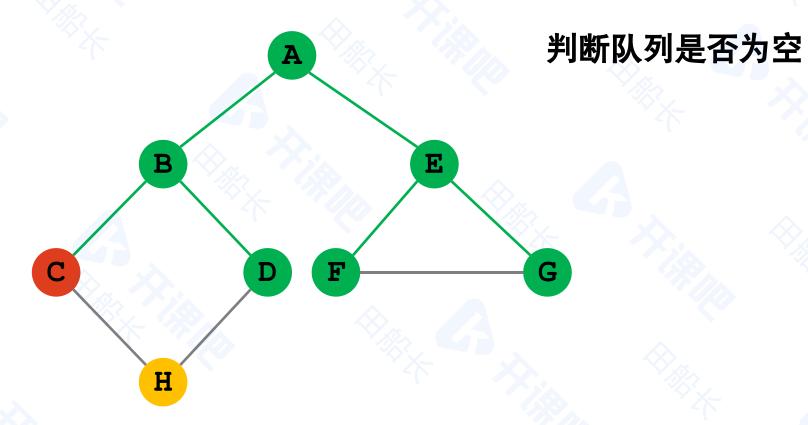






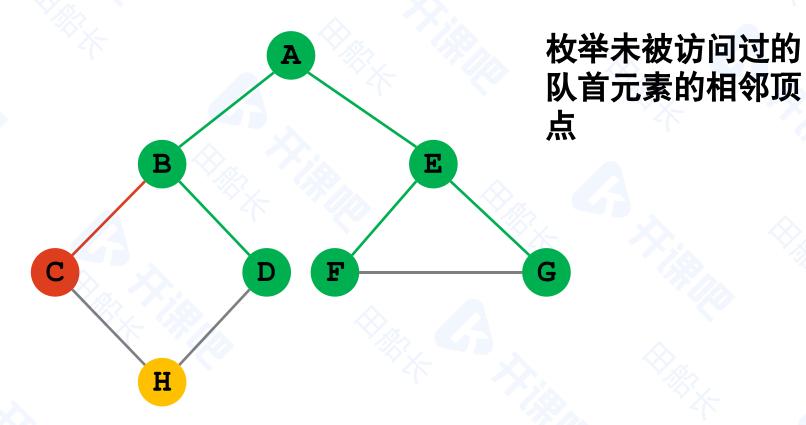






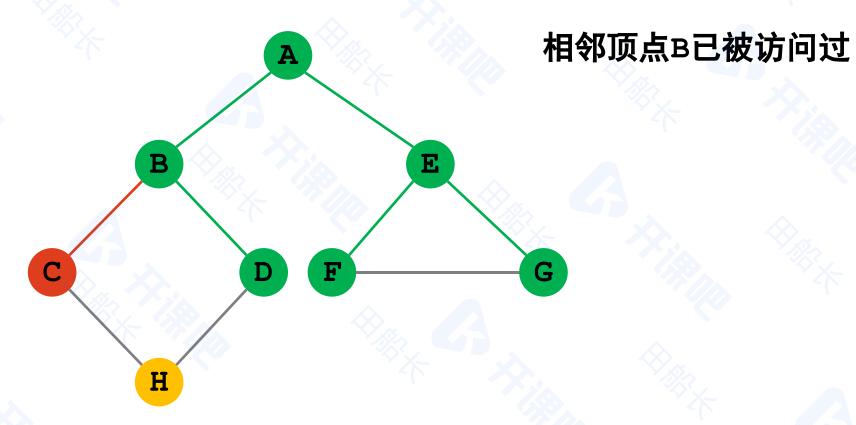






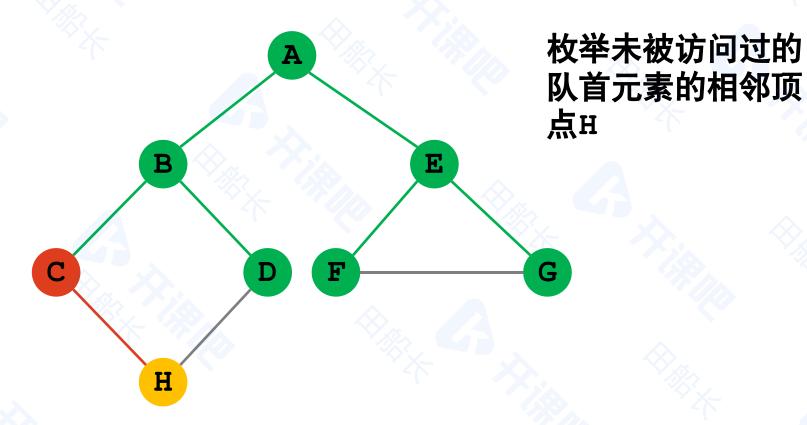






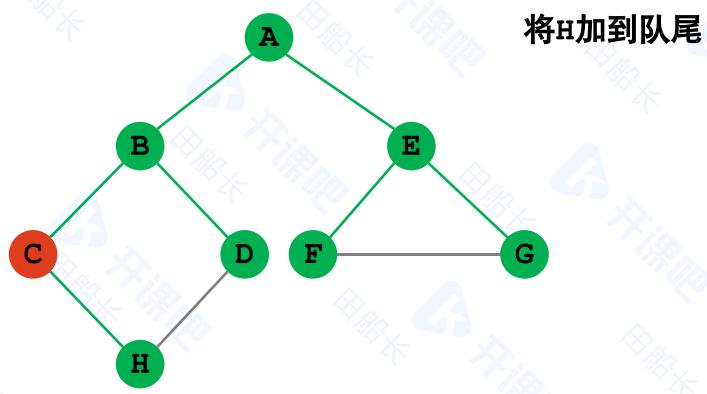






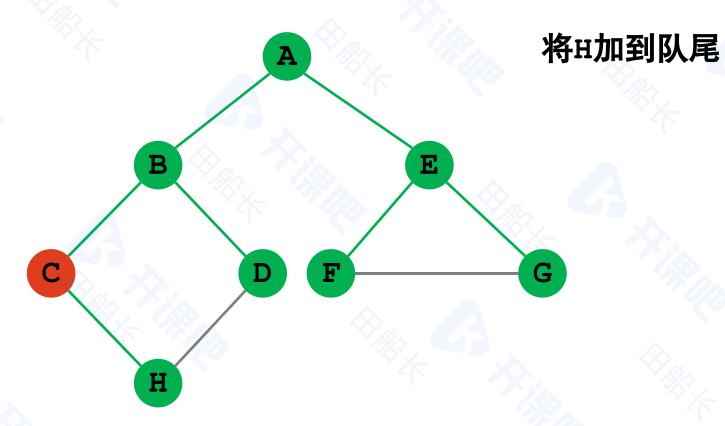




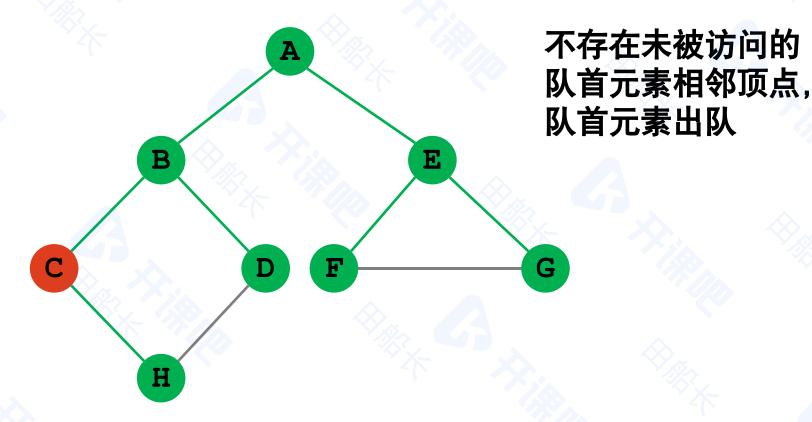






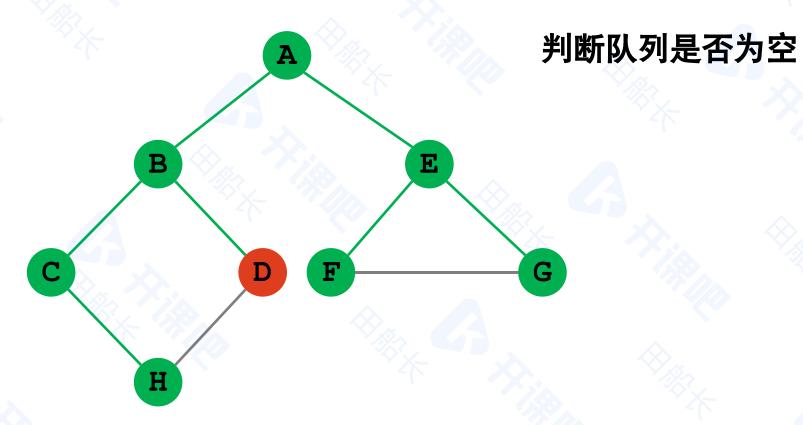






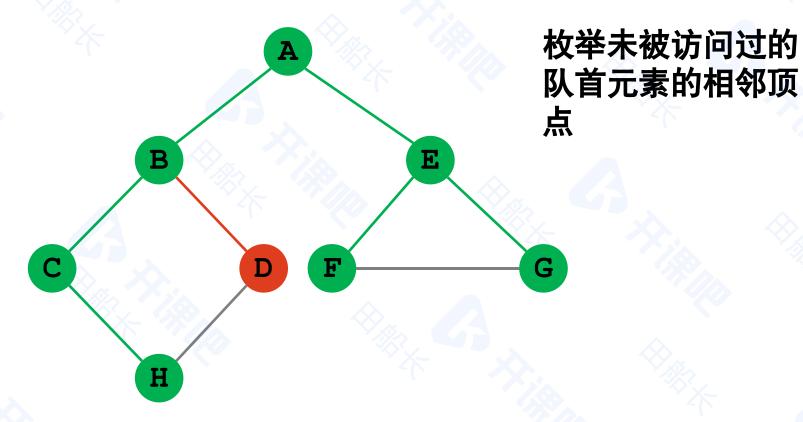






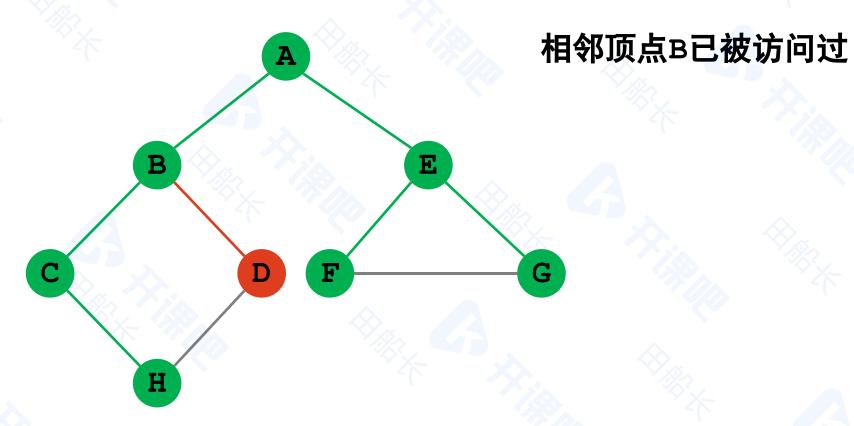






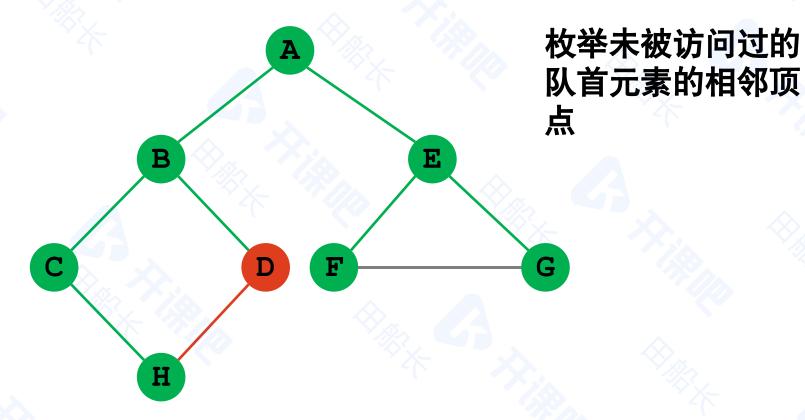






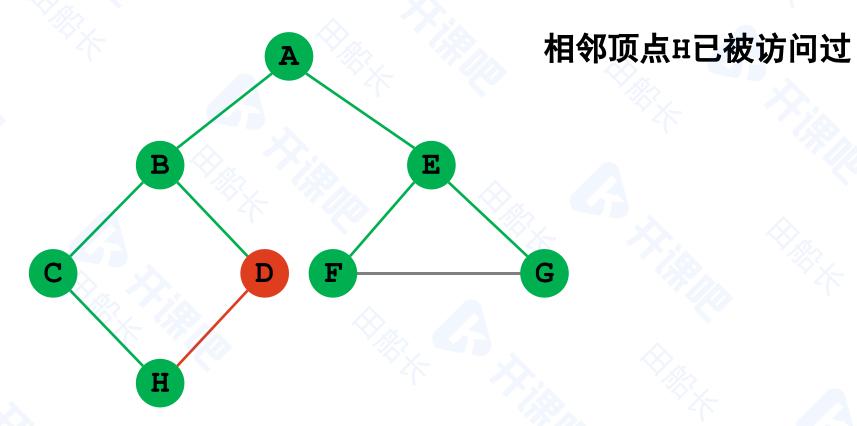






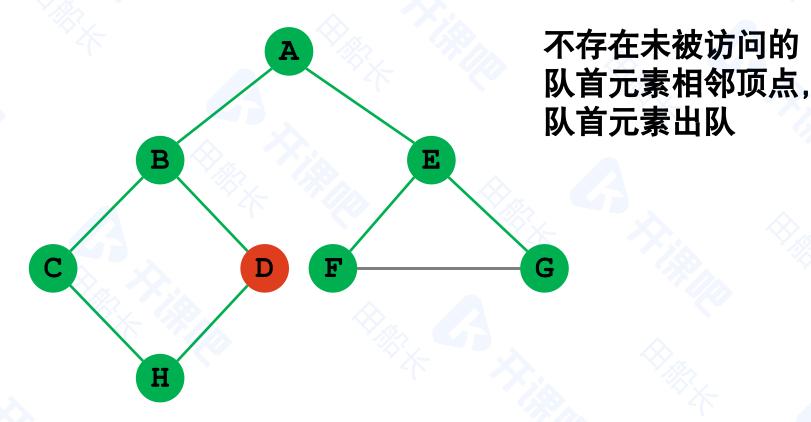






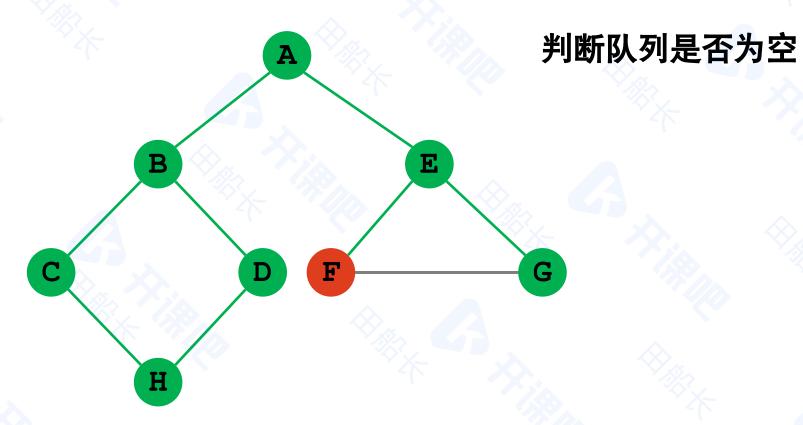






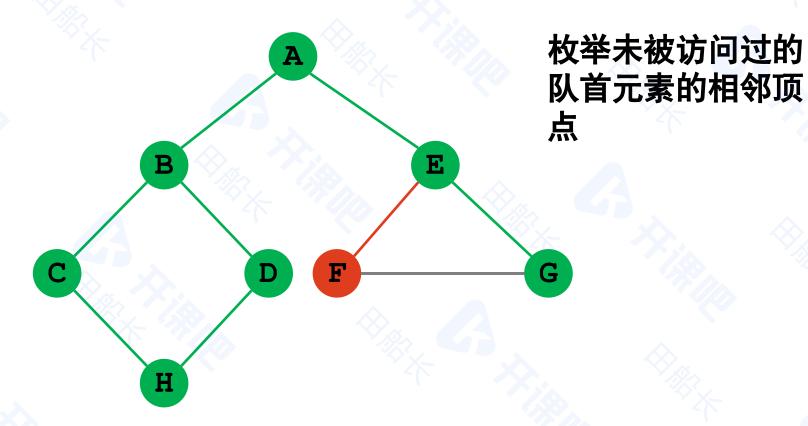






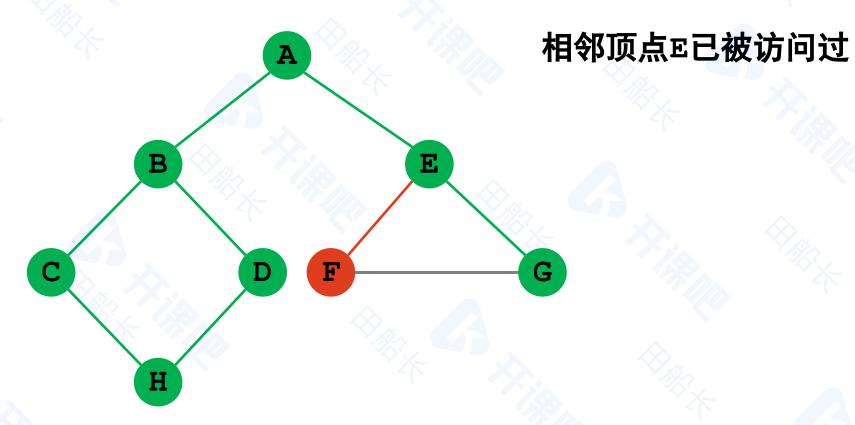






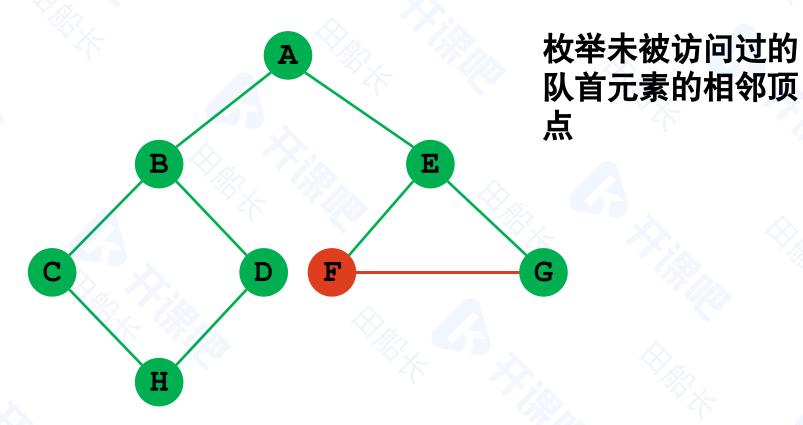






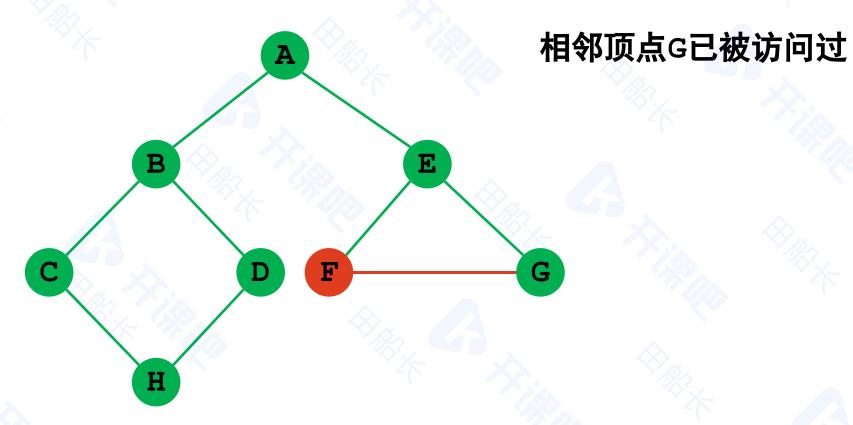




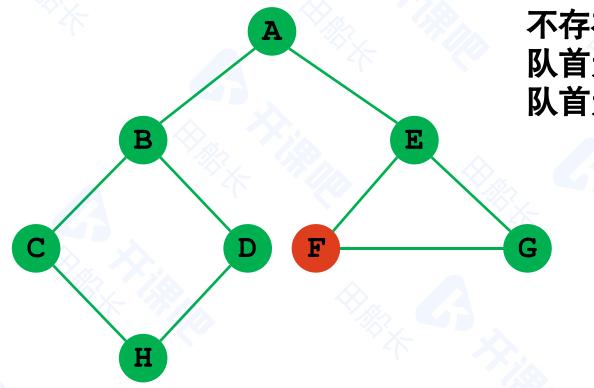




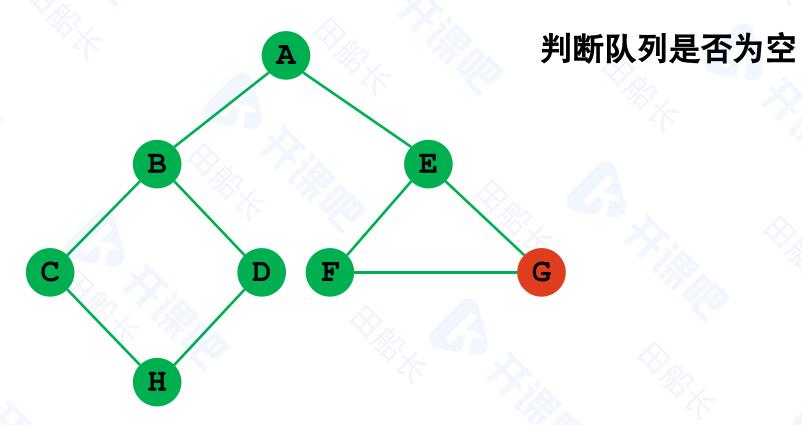


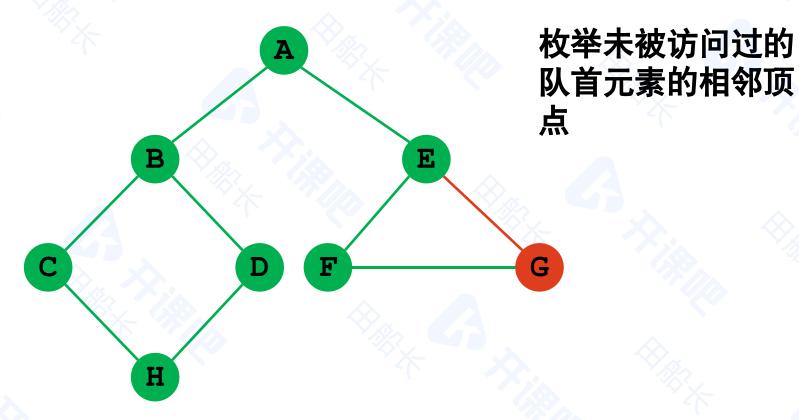




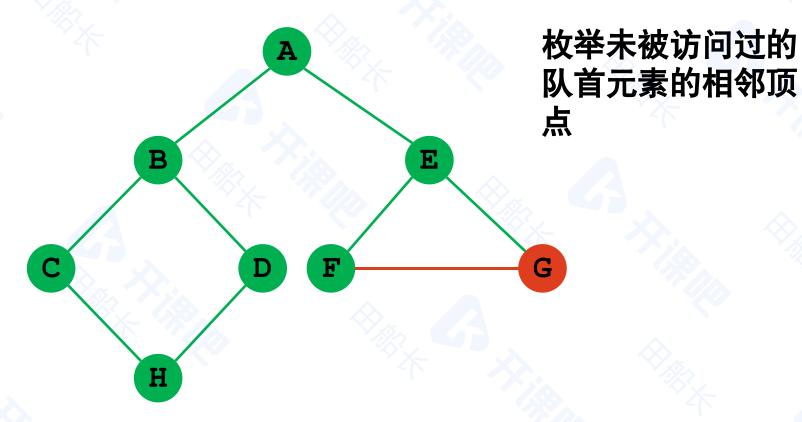


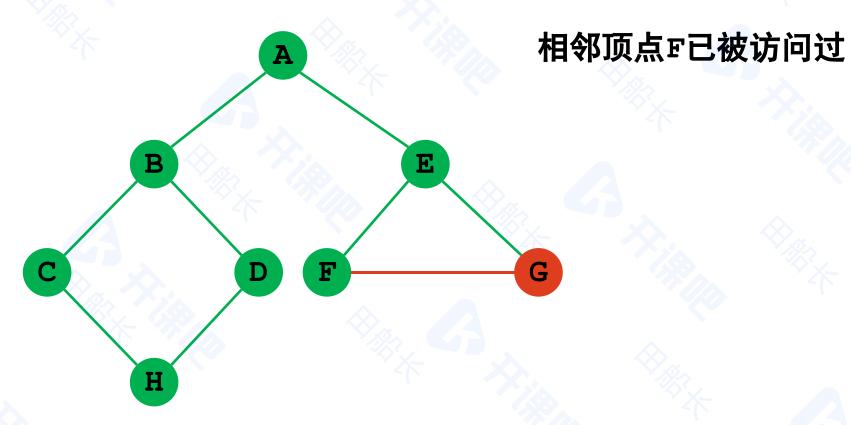
不存在未被访问的 队首元素相邻顶点, 队首元素出队

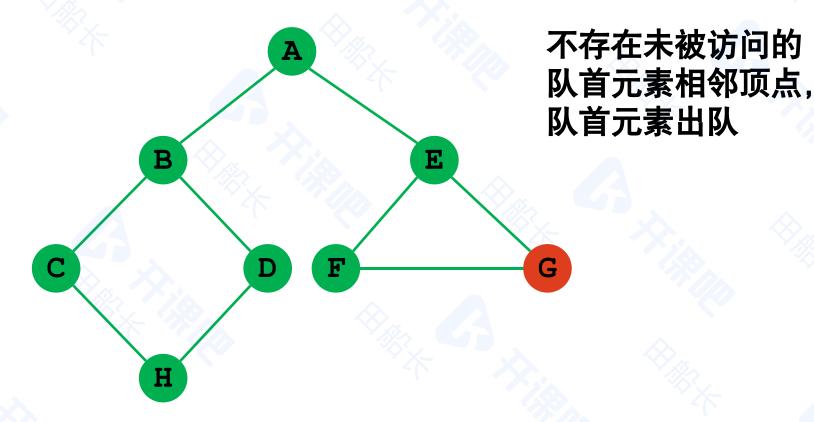


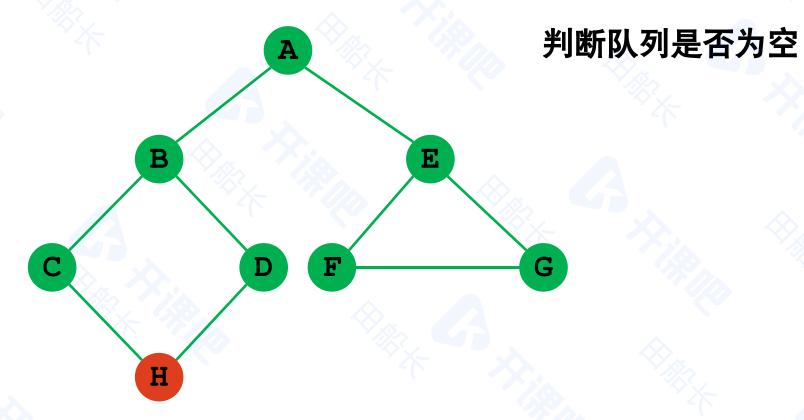


相邻顶点E已被访问过







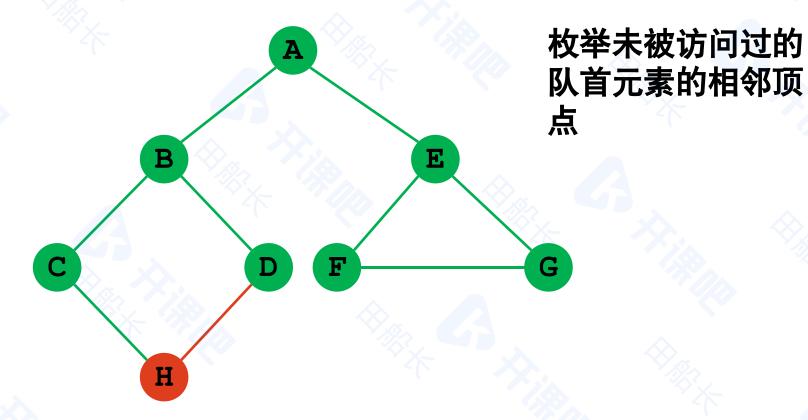


H

枚举未被访问过的 队首元素的相邻顶 点

H

相邻顶点C已被访问过



H

相邻顶点D已被访问过

H

不存在未被访问的 队首元素相邻顶点, 队首元素出队

