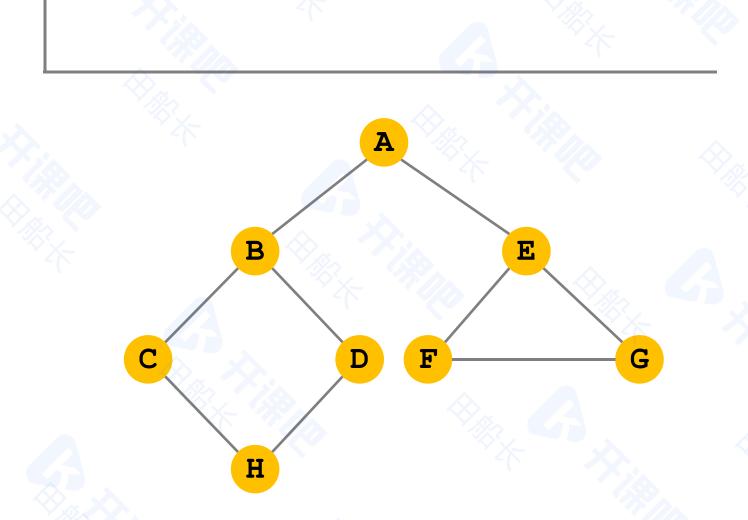


图的深度优先遍历

田船长

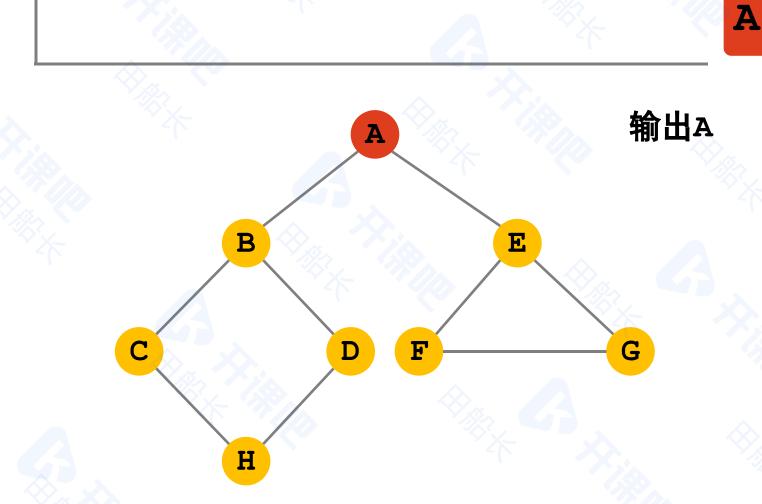
从起点出发,每次走到一个新的点时就以新的点为起点继续向下走 当走到不能走时,再进行回溯 深度优先遍历一般使用递归实现





遍历序列:

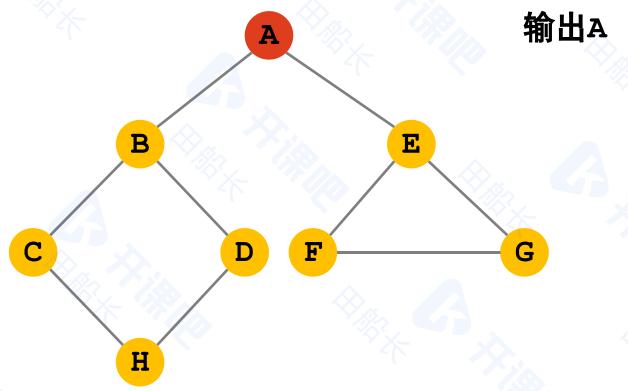




遍历序列: A







遍历序列: A



A PART OF THE PART

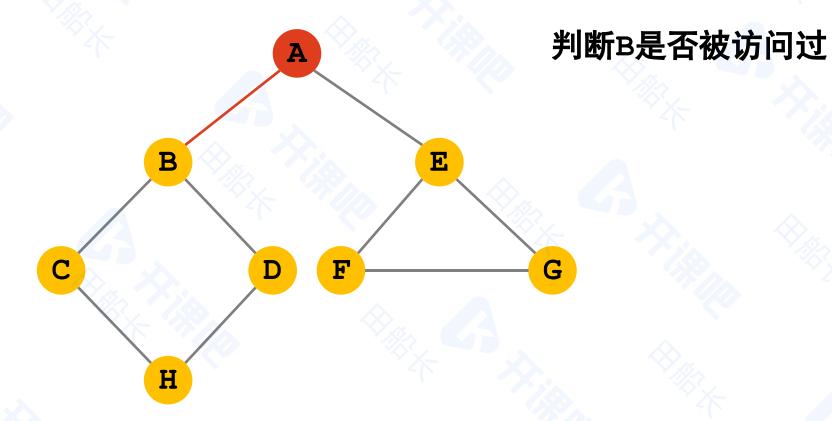
注意此时可以选择两个点 无特殊要求时 可以随意选择 之后同理

E G

遍历序列: A

枚举A的相邻结点

A The second sec



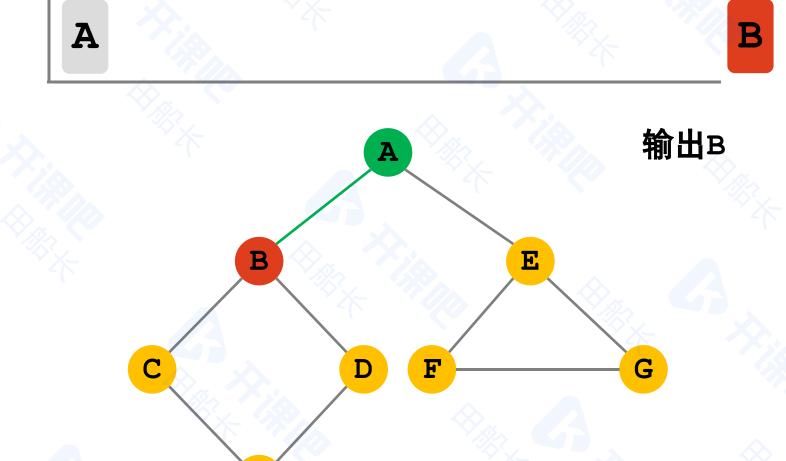
遍历序列: A

A PART OF THE PART

B未被访问过,深度优先 遍历B E

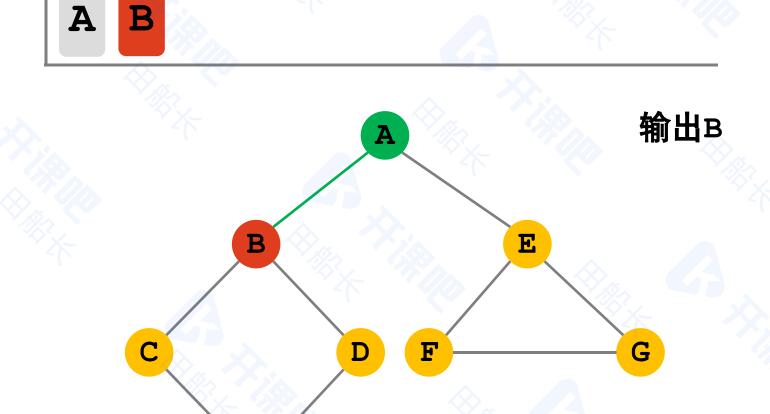
遍历序列: A





H

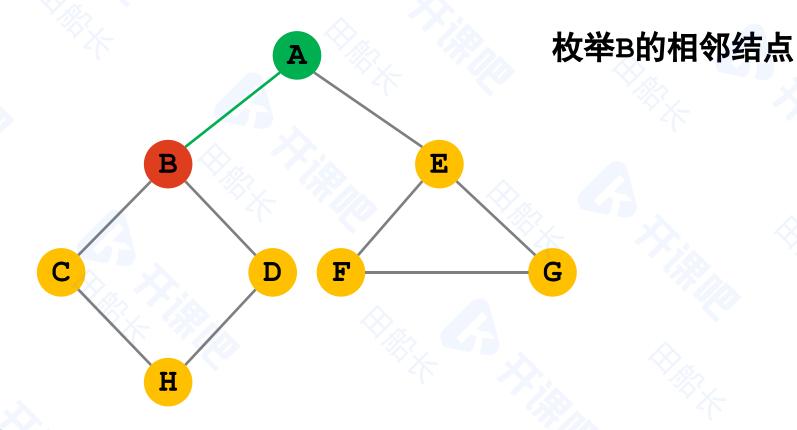




H



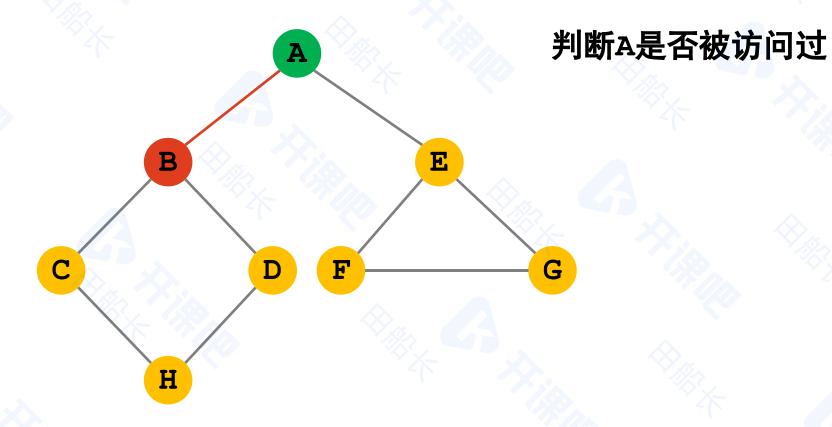




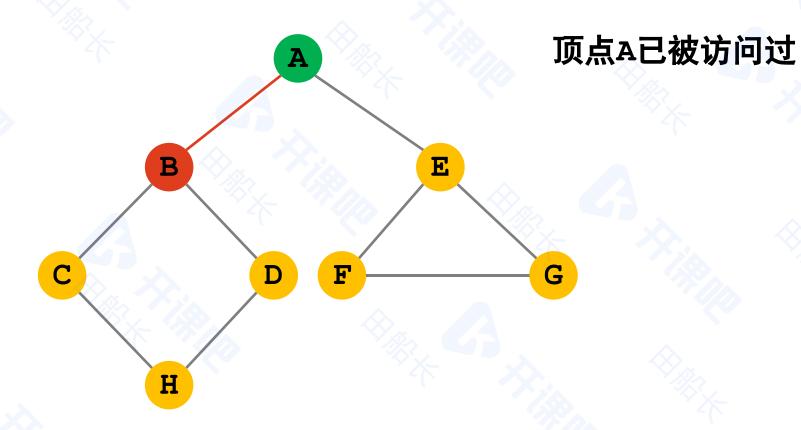
遍历序列: A E



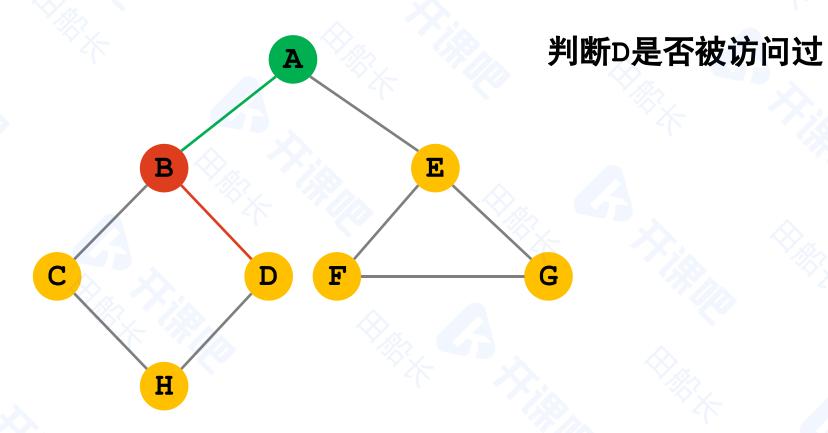




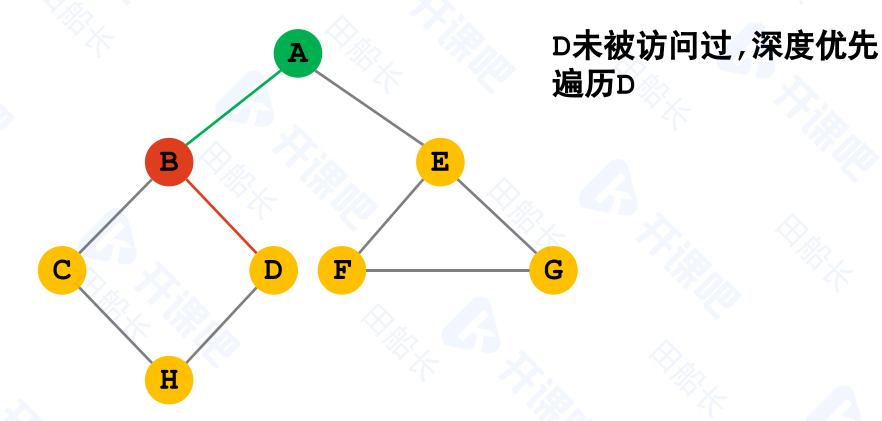




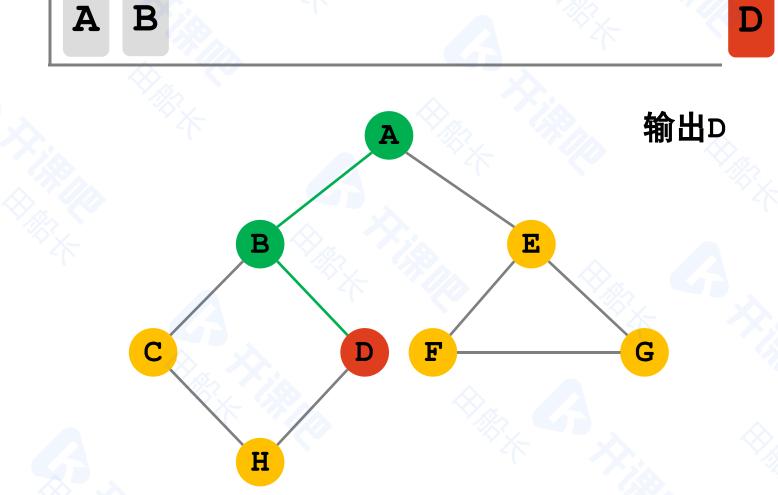




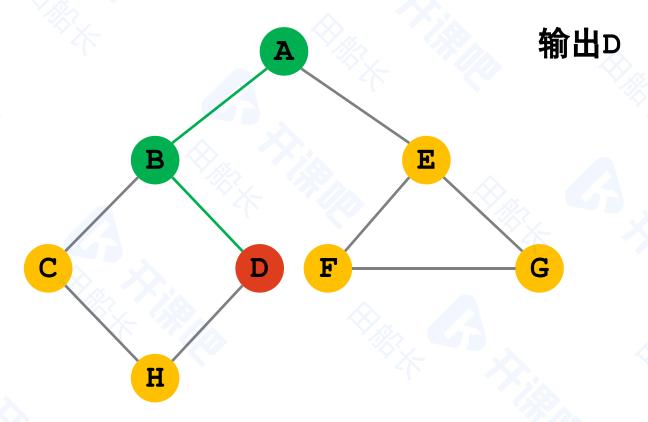






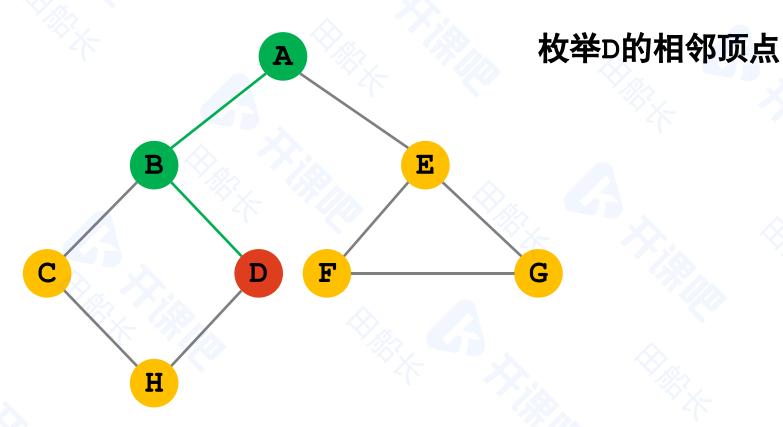






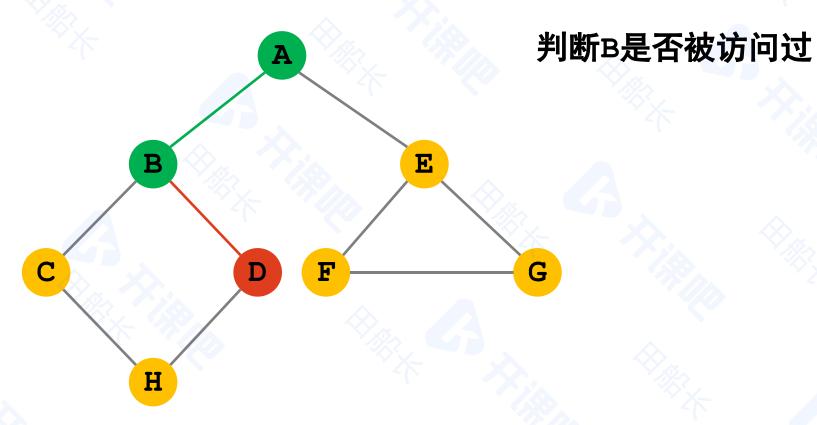






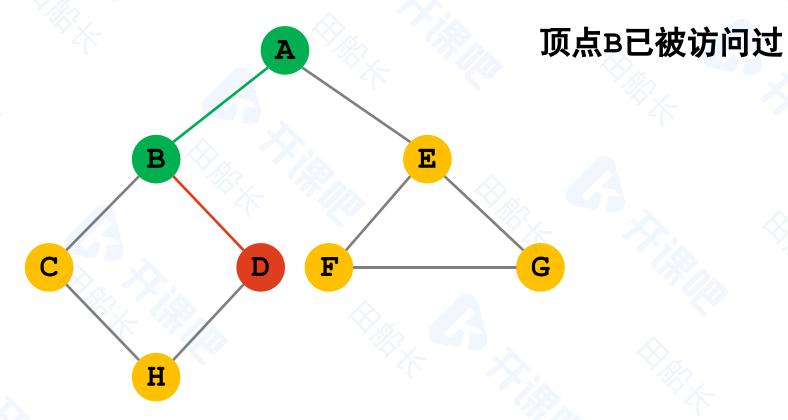






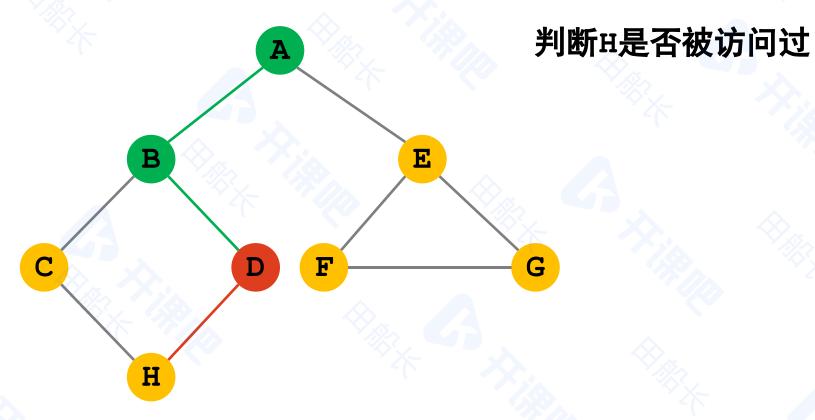




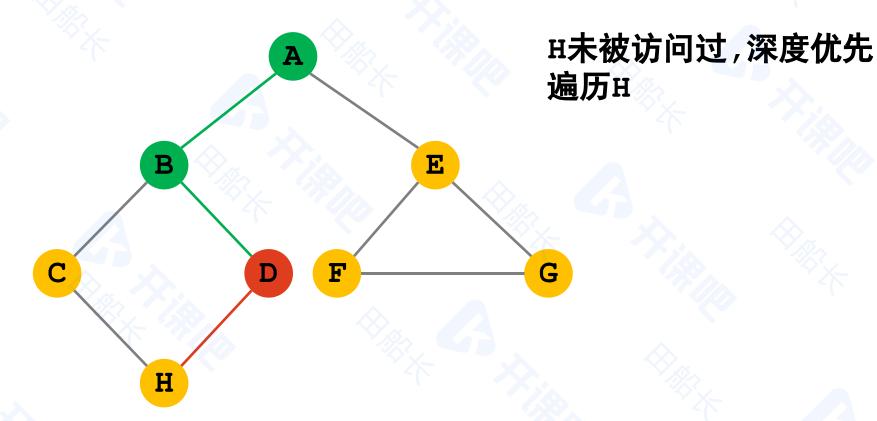




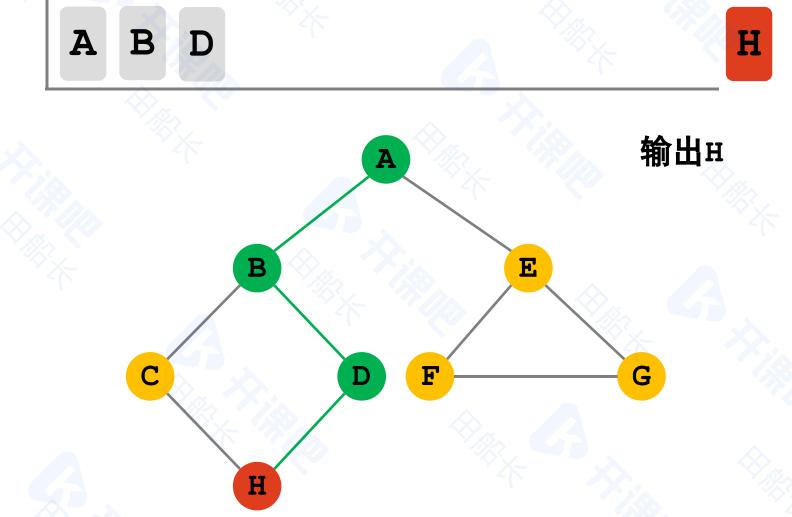




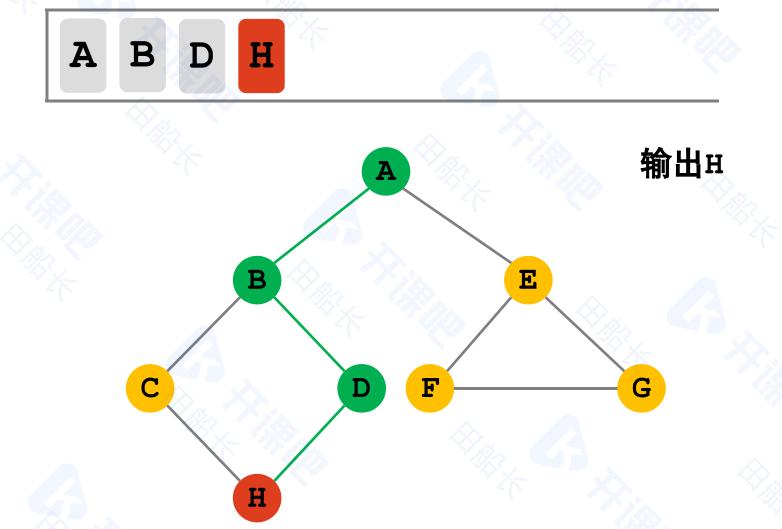






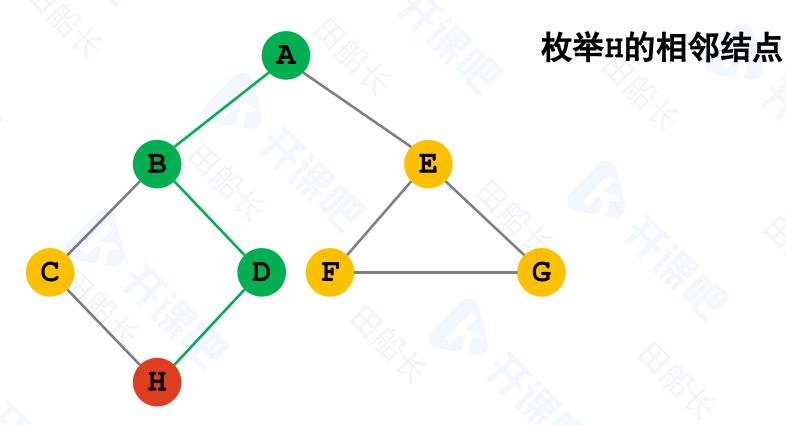






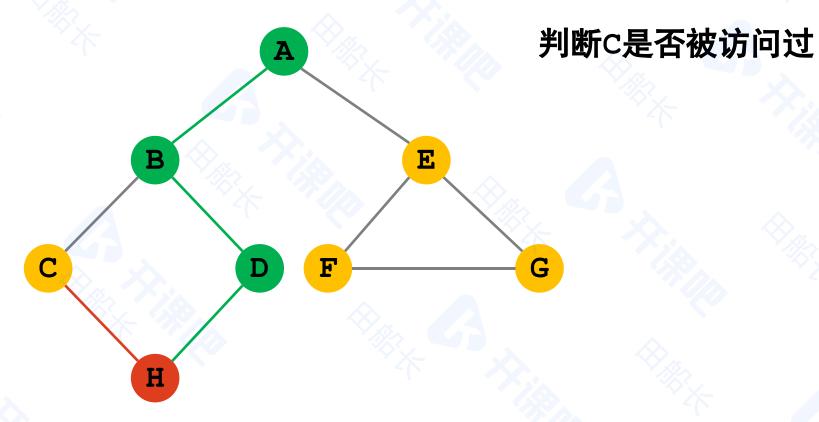




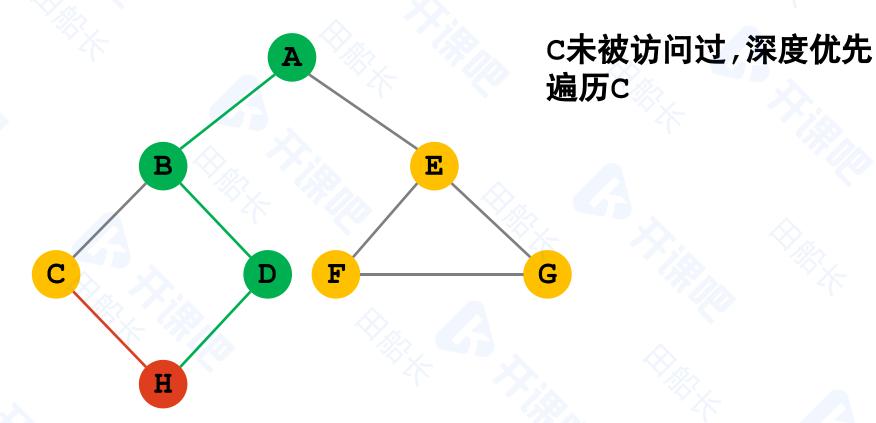




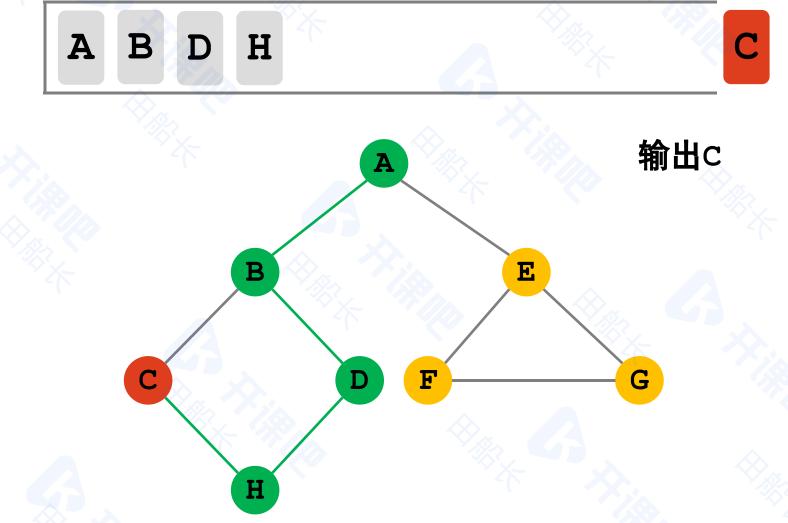


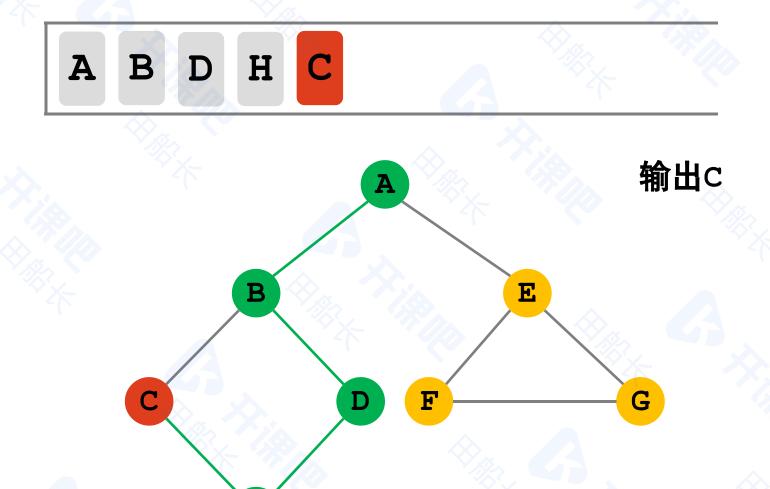






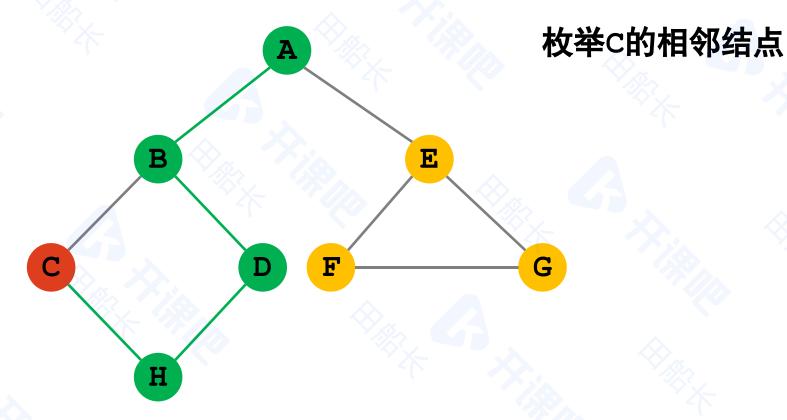






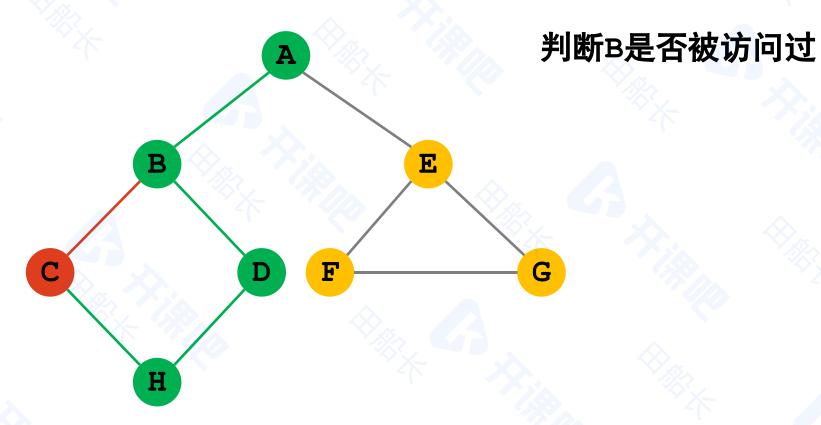






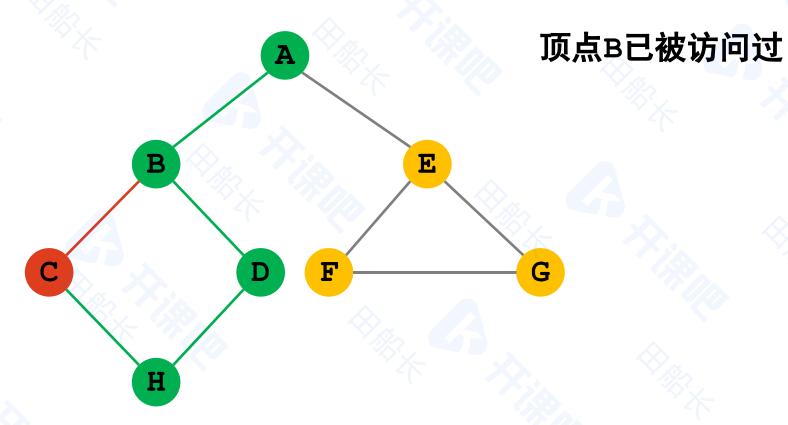




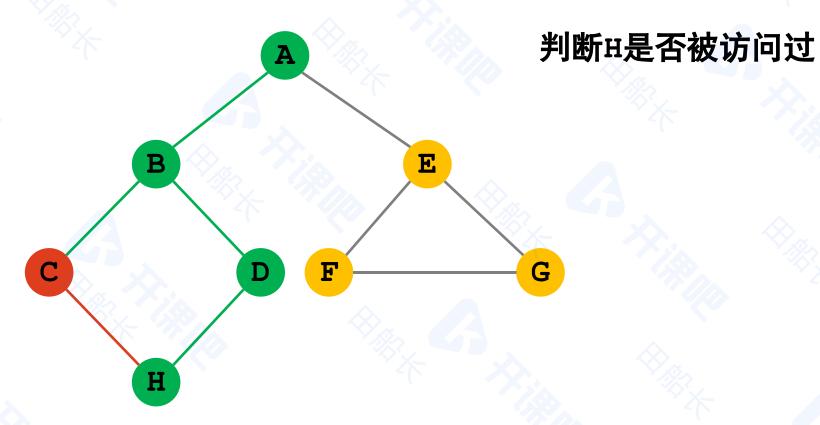




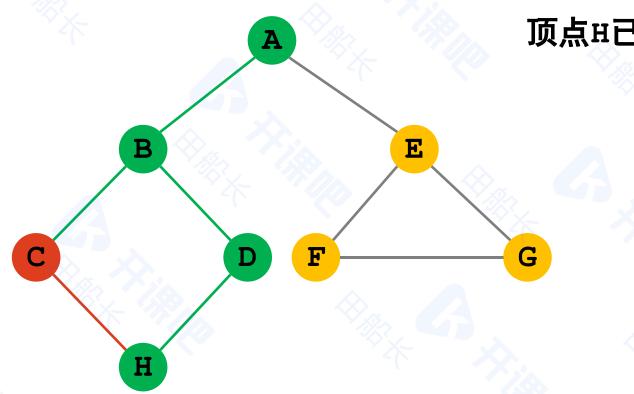






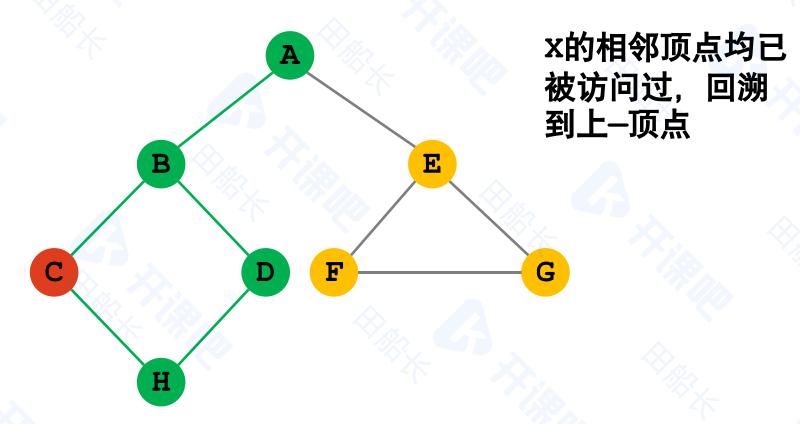




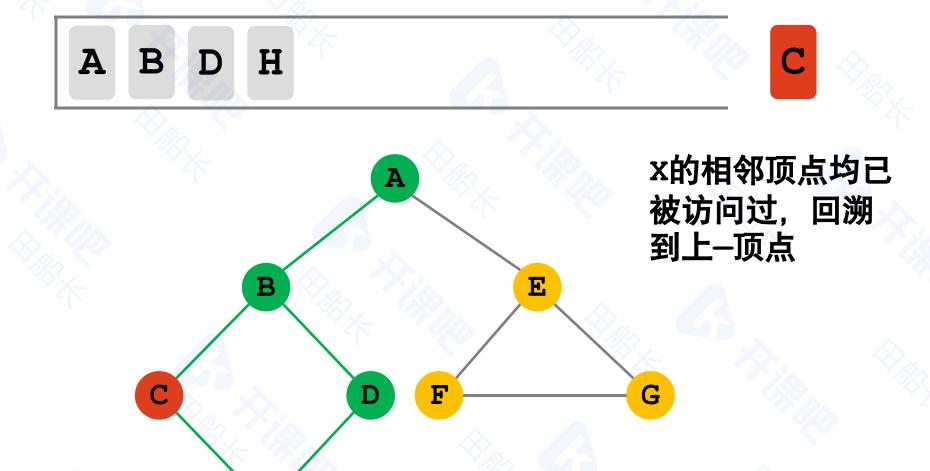


顶点H已被访问过

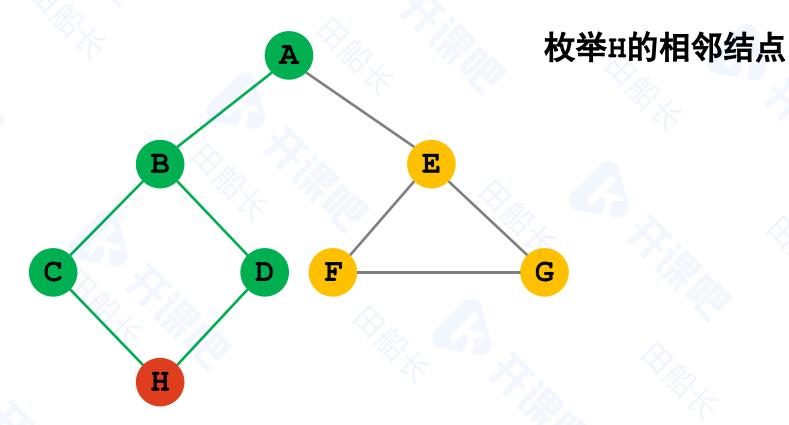






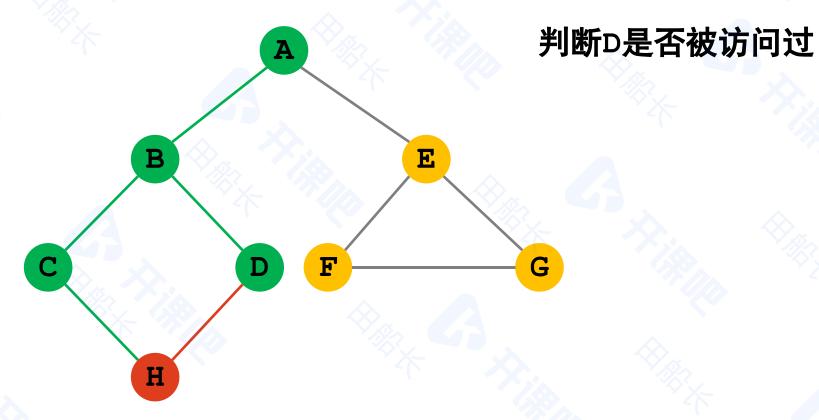






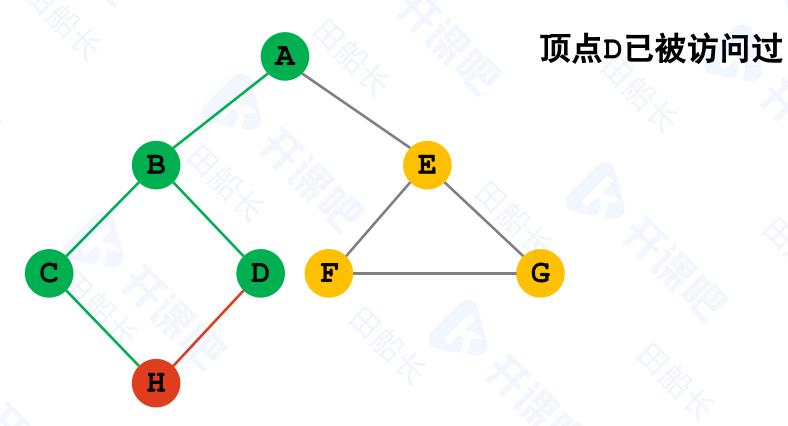




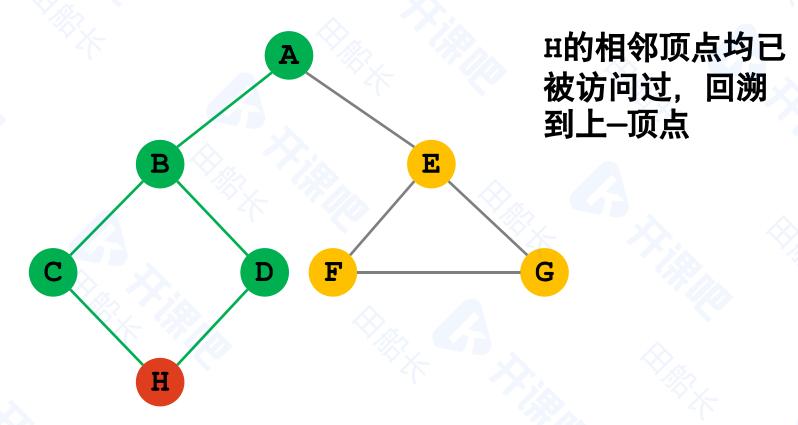






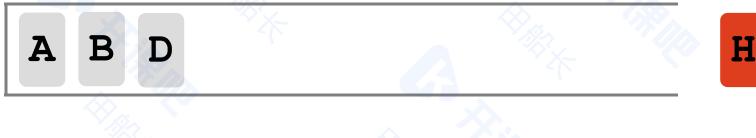


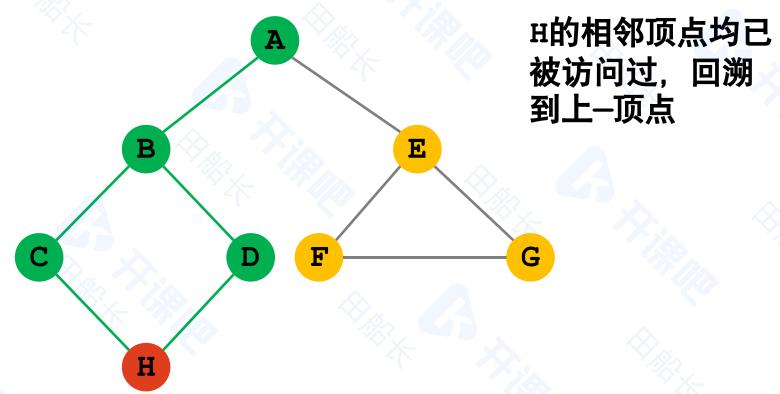




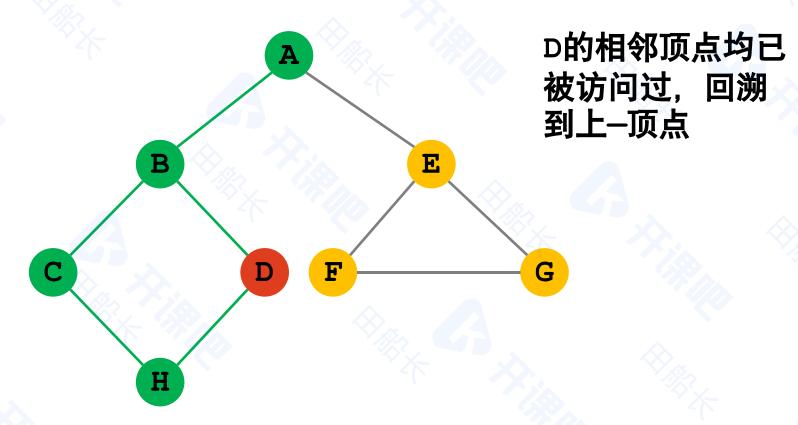
深度优先遍历





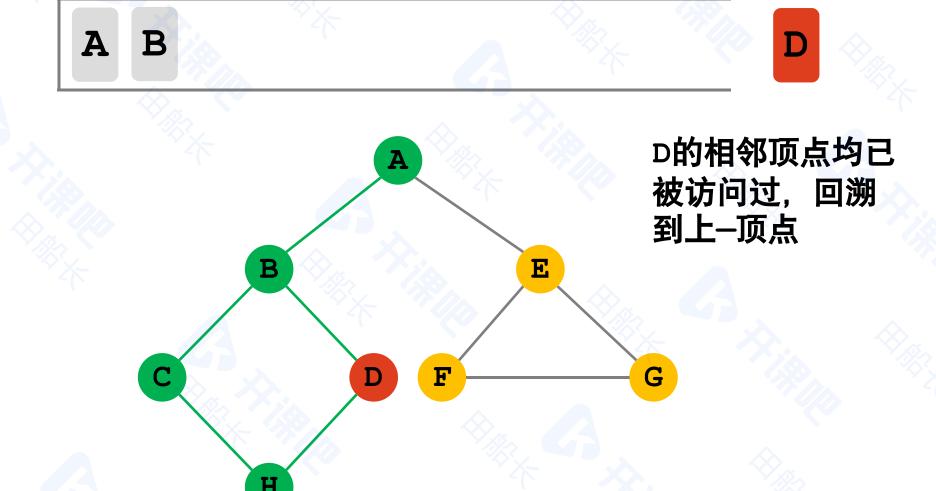




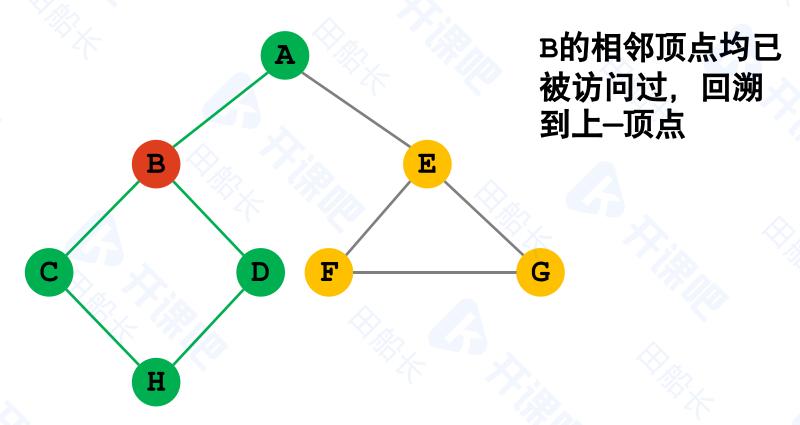


深度优先遍历





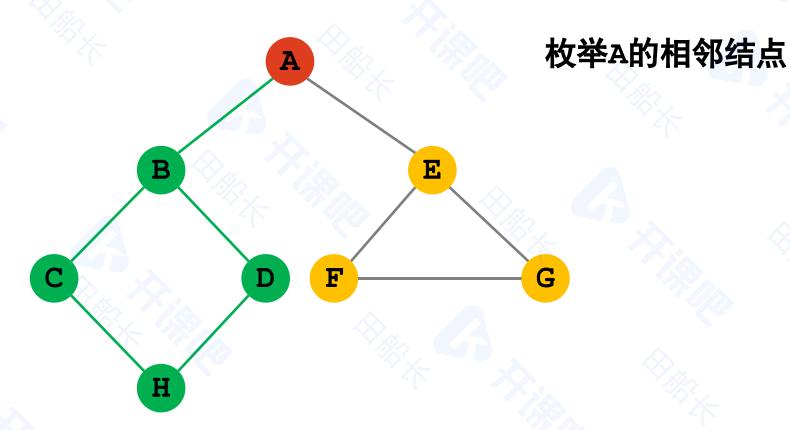




A The state of the

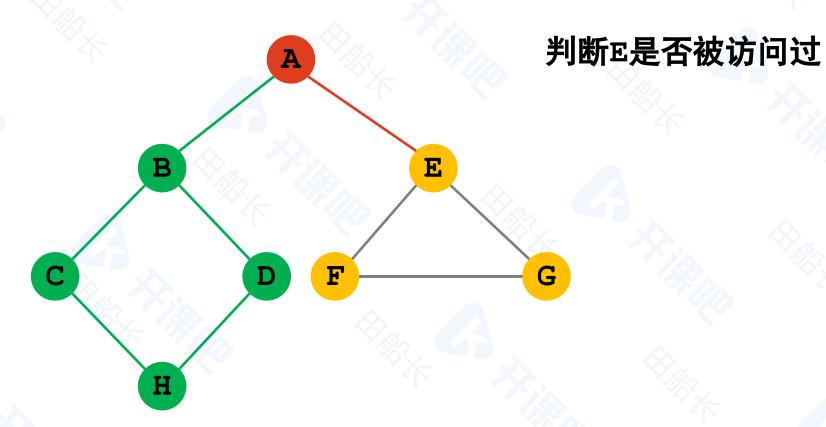
B的相邻顶点均已 被访问过,回溯 到上-顶点 G



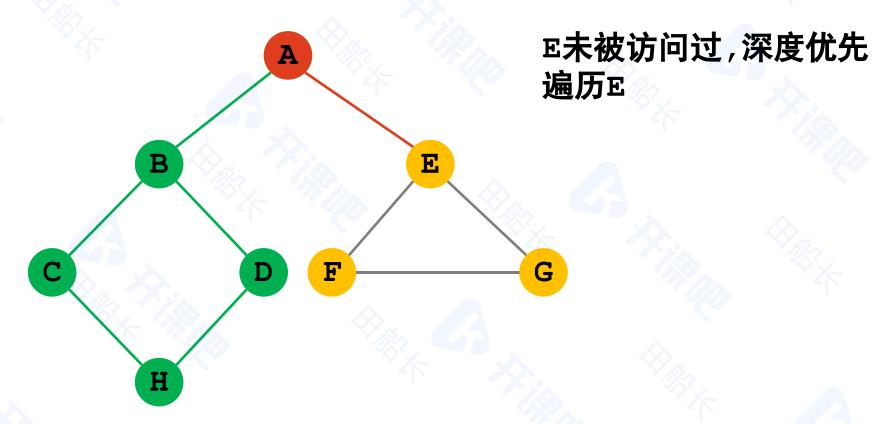






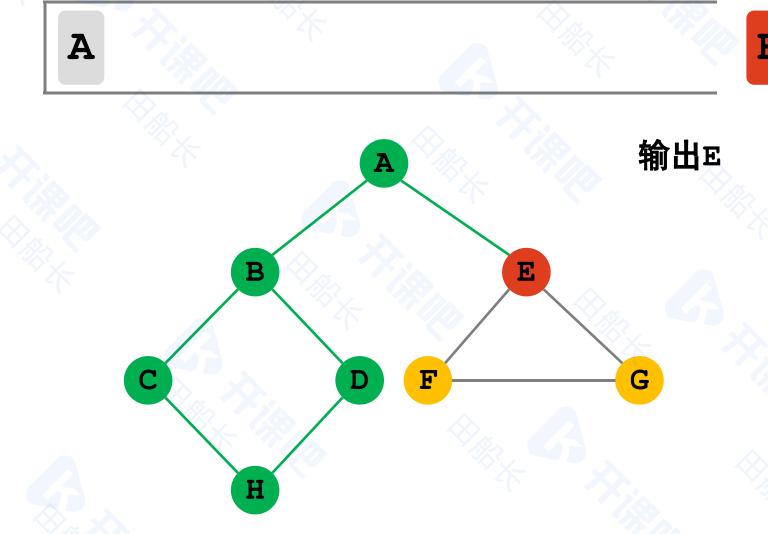




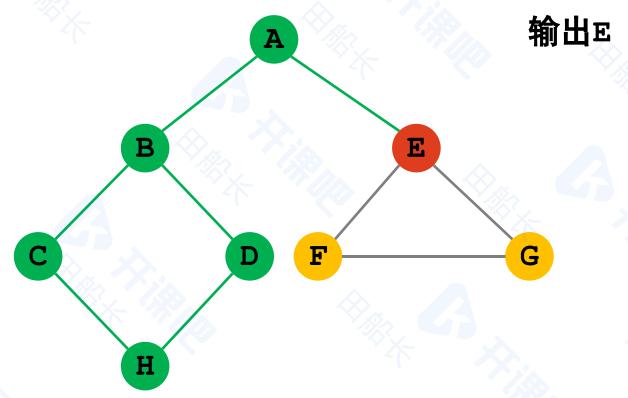


深度优先遍历



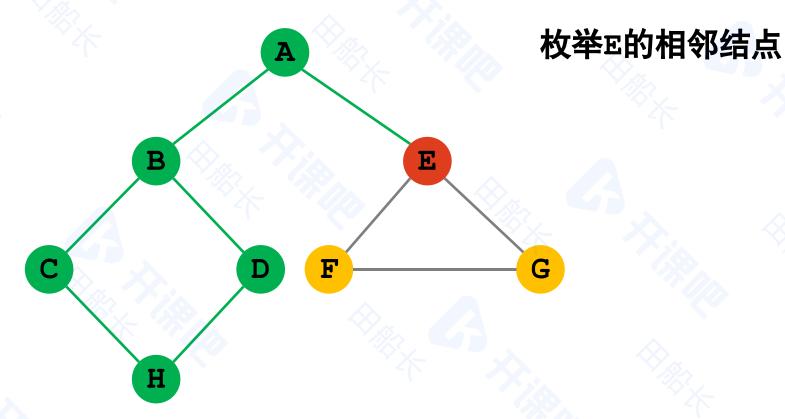






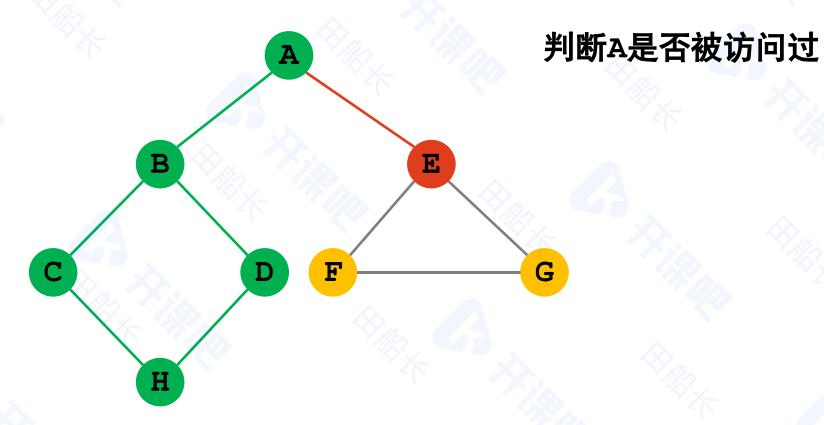




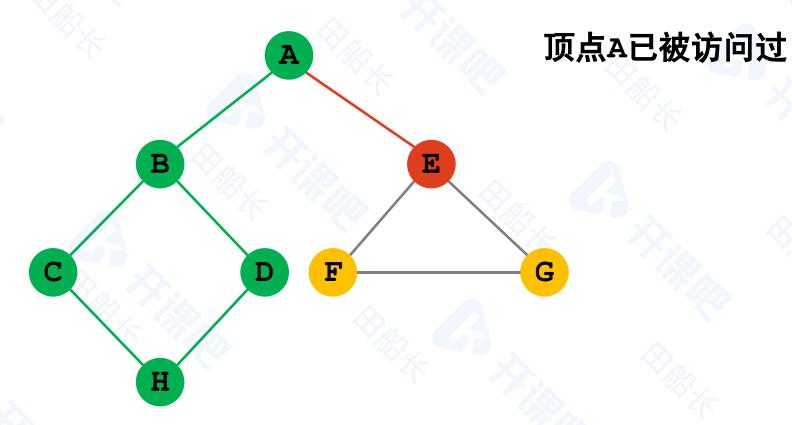




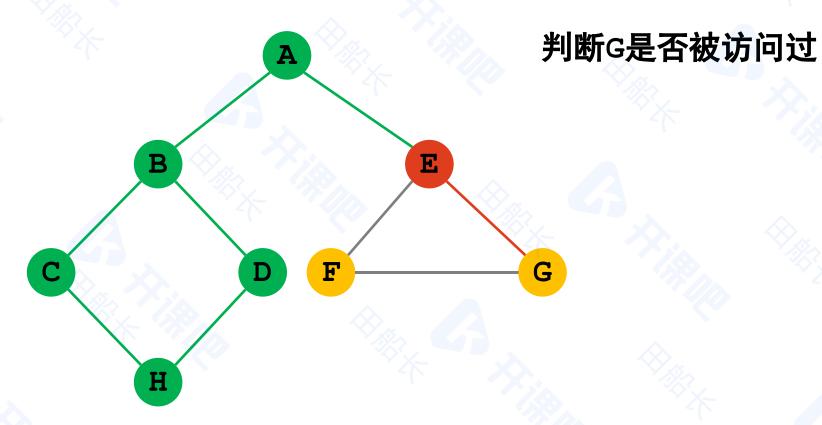




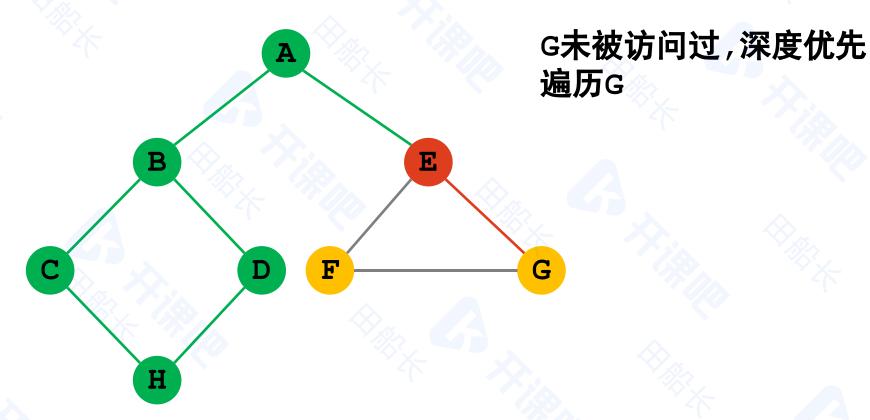






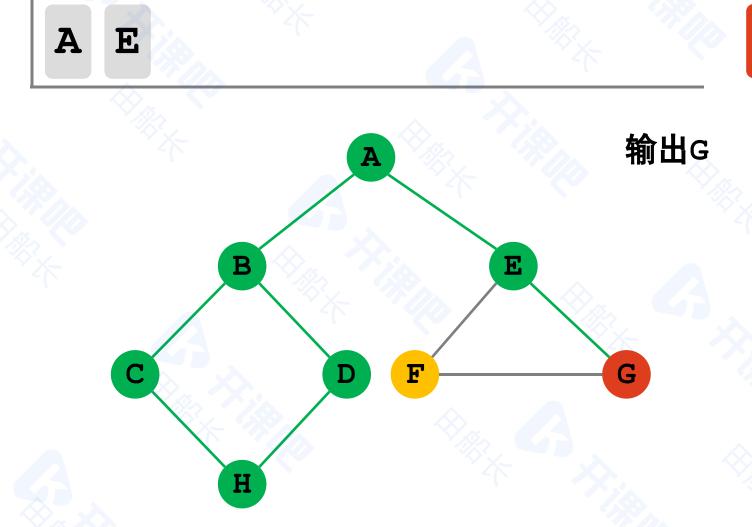




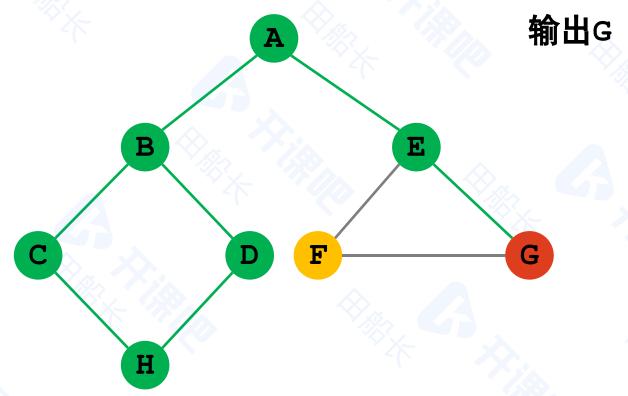


深度优先遍历



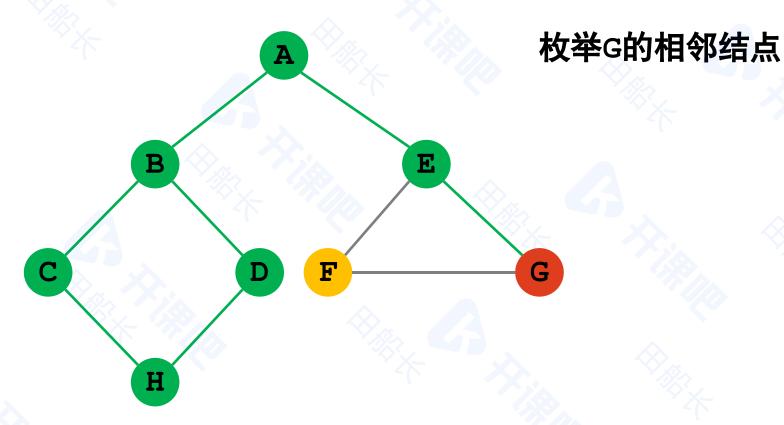






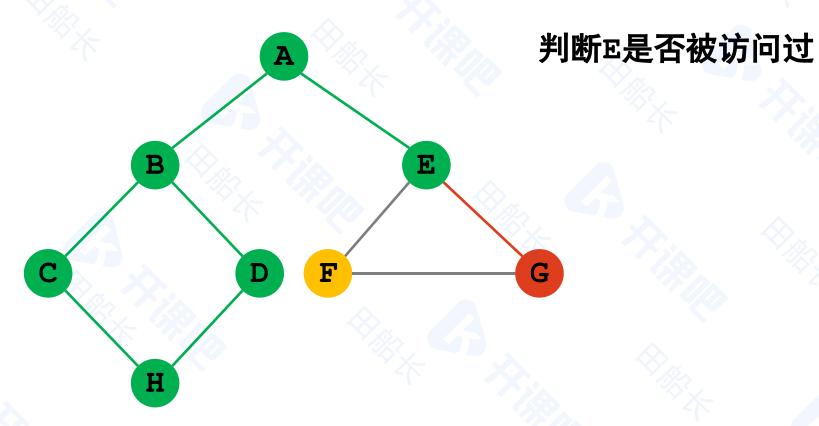






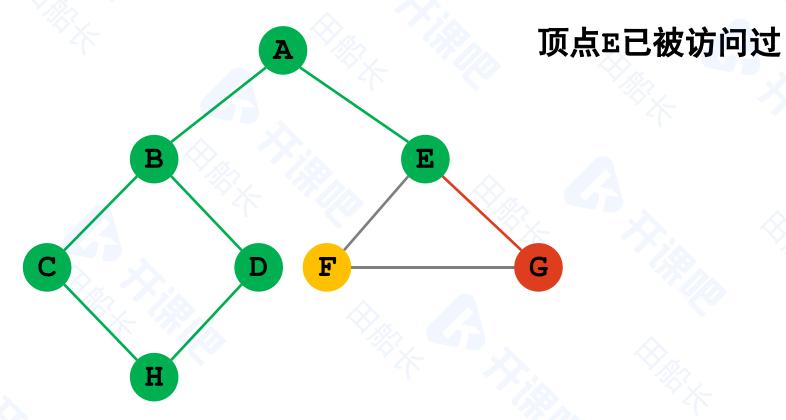




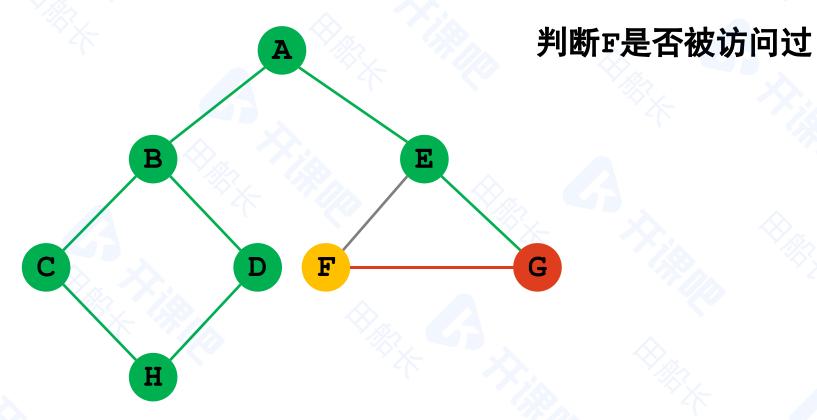




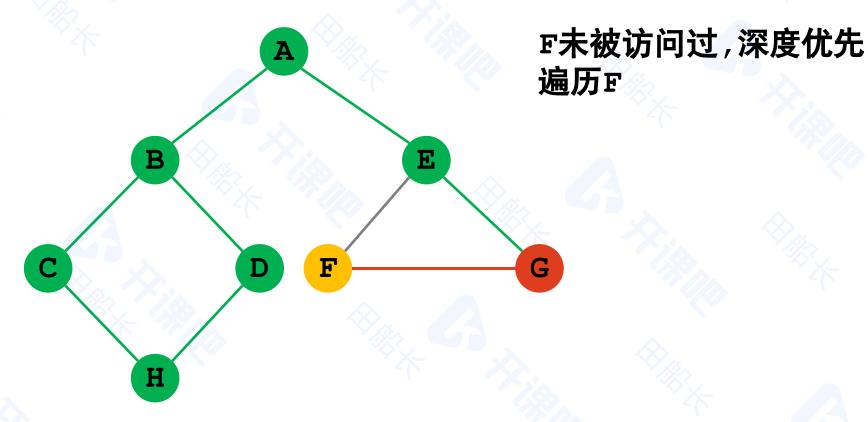






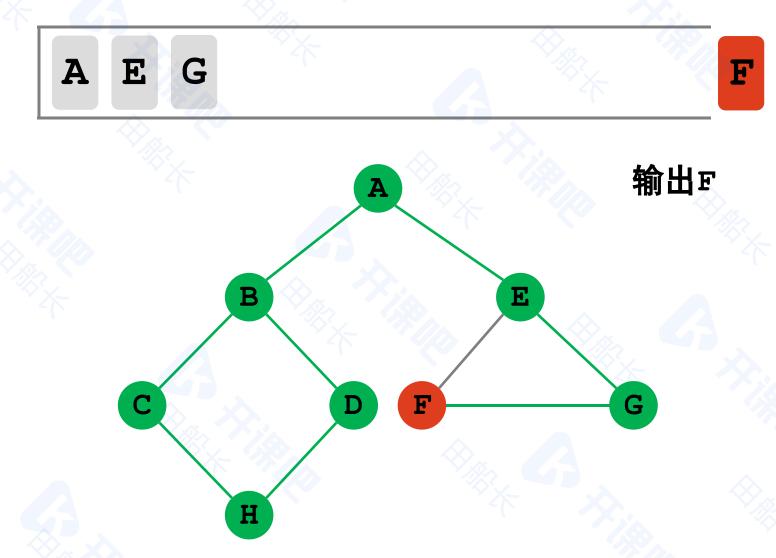




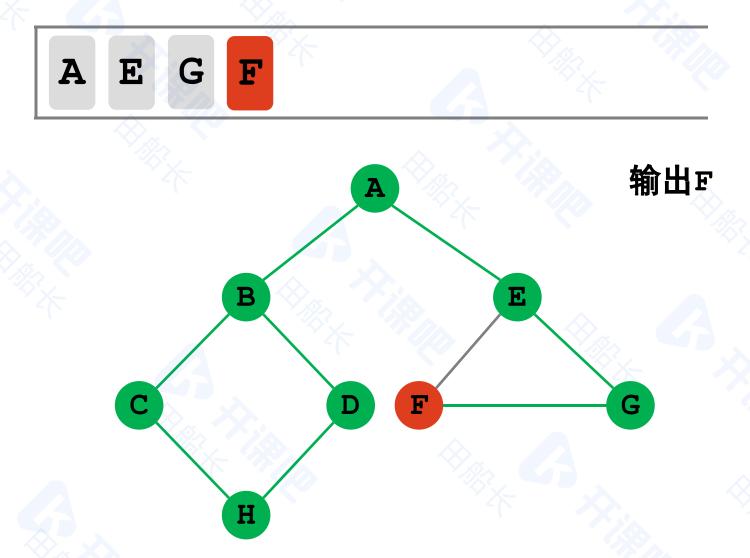


深度优先遍历



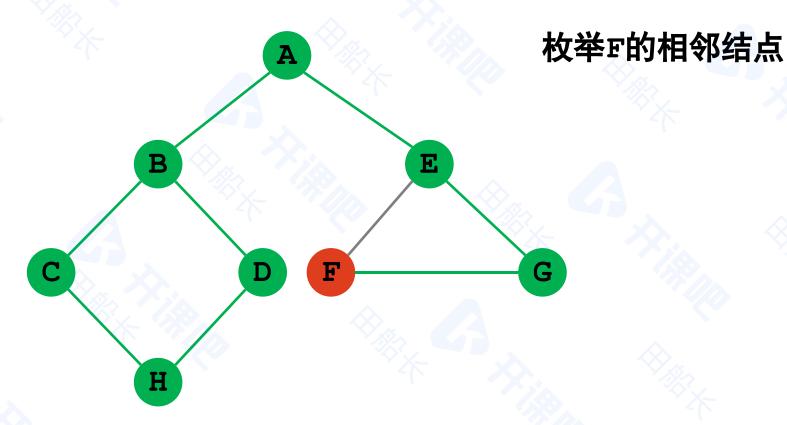






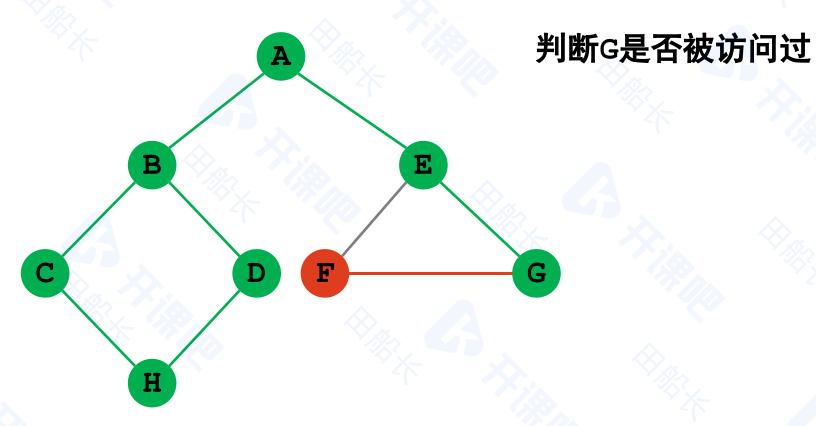






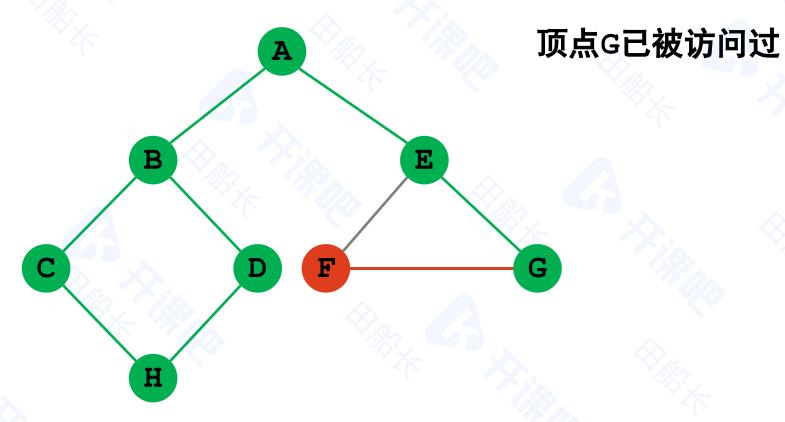




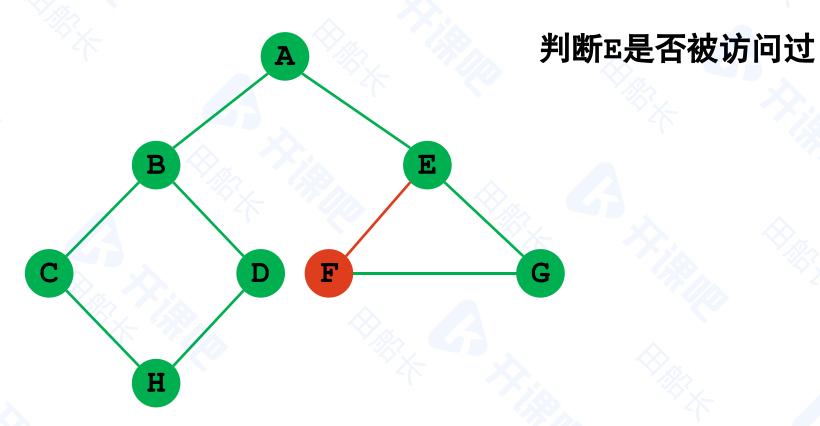




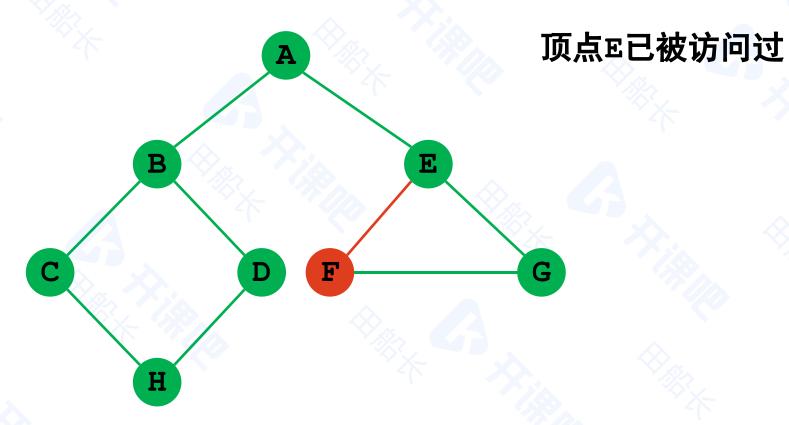




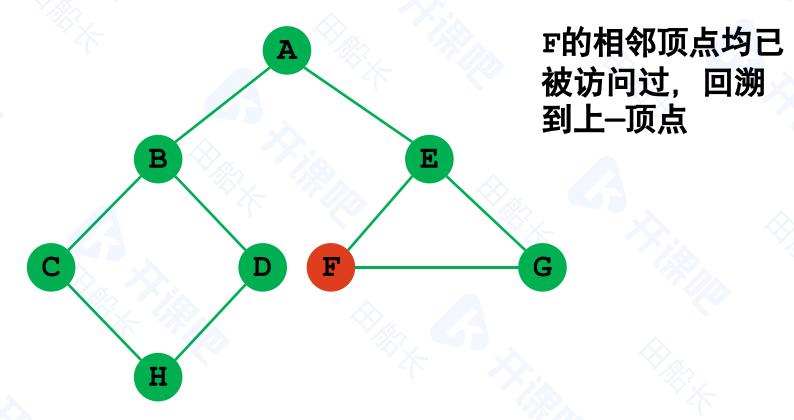




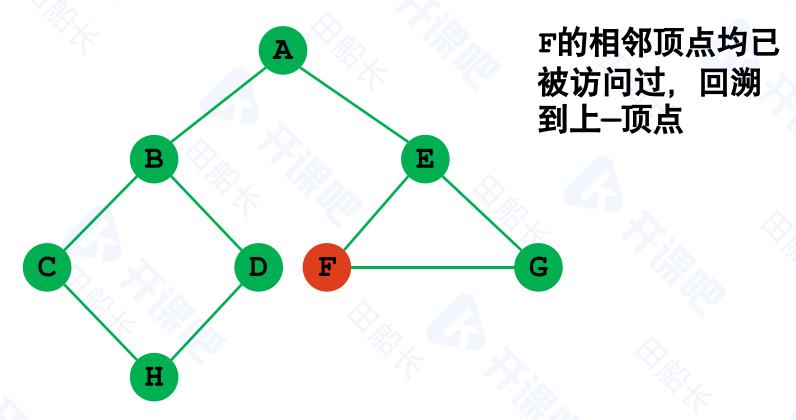




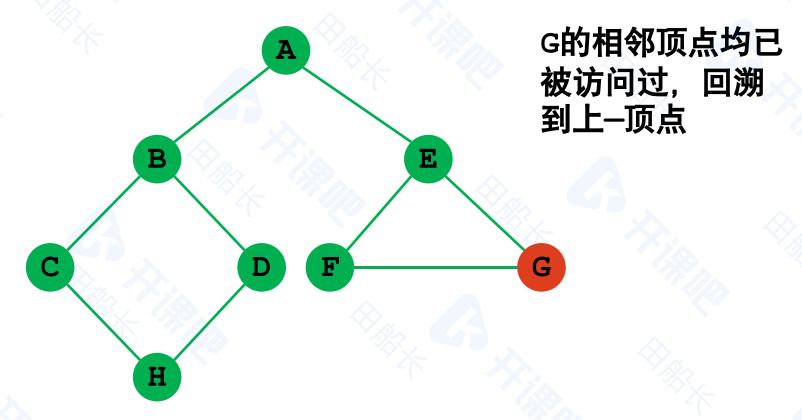


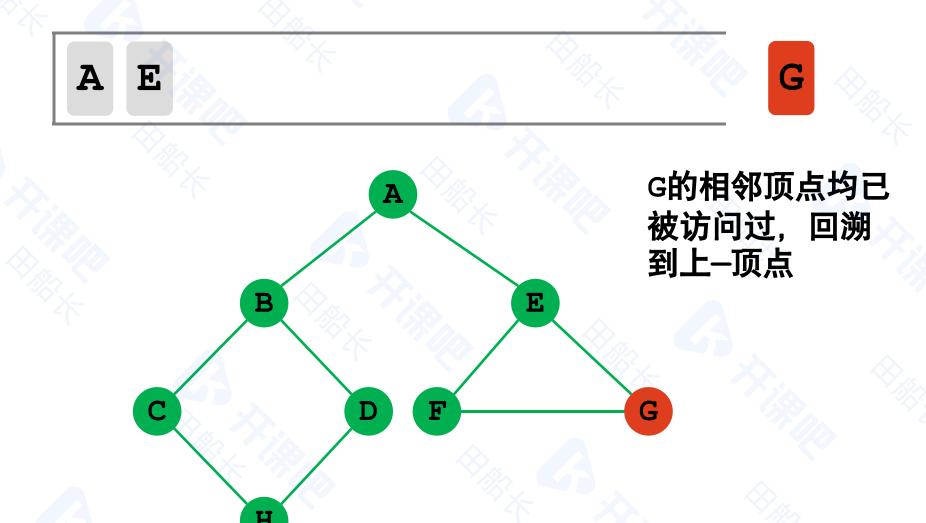




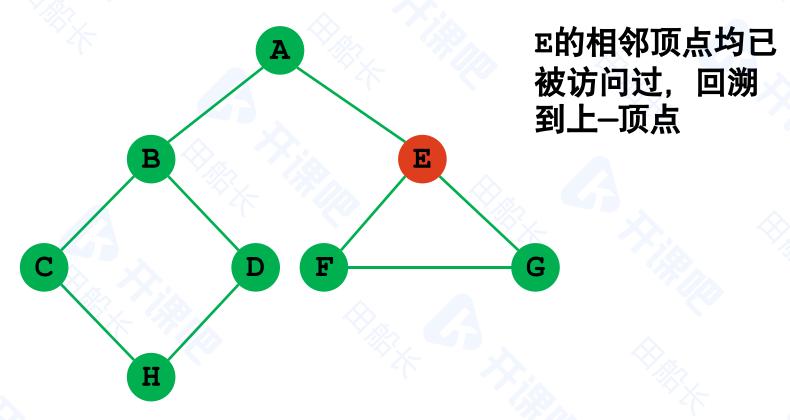




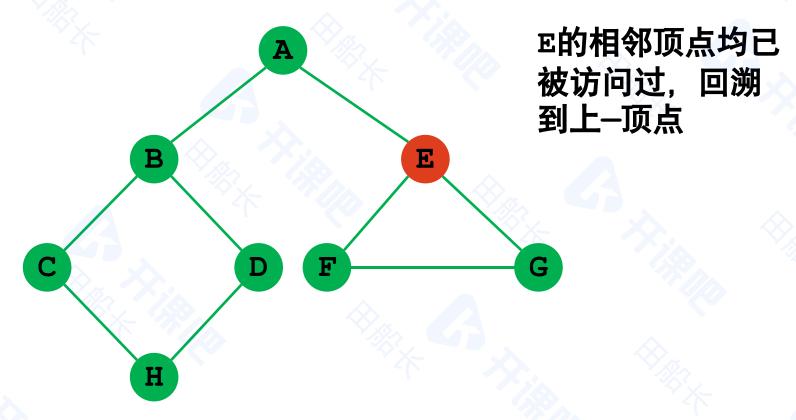




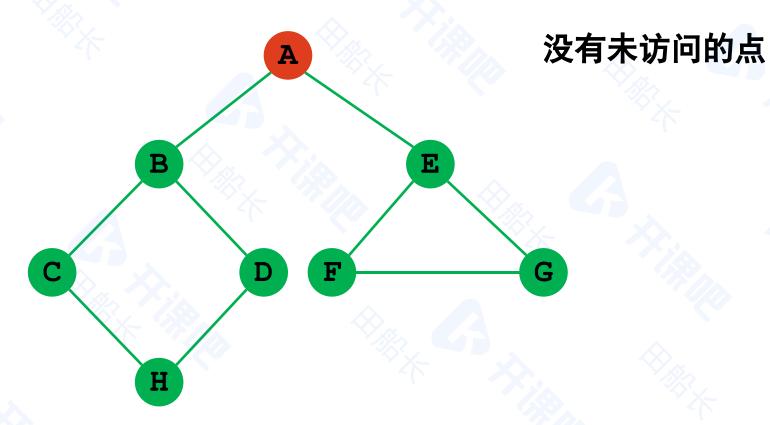




A







深度优先遍历



