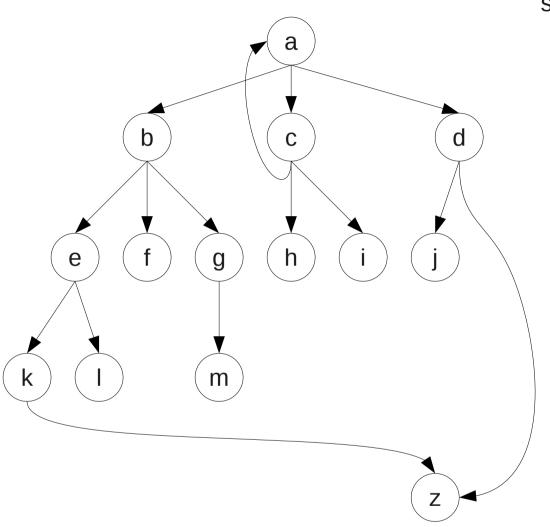
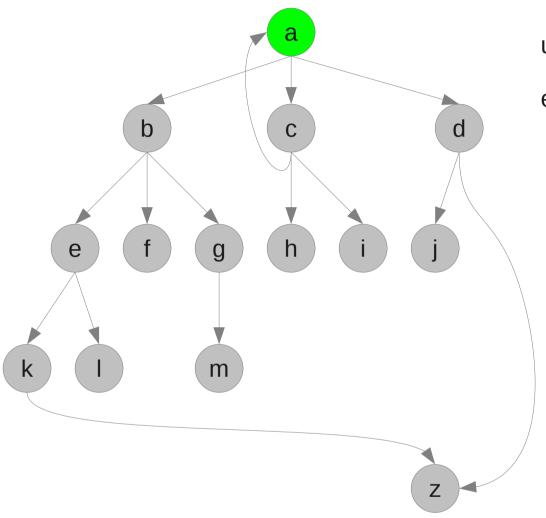
Breadth-First Search: Find path from a to z

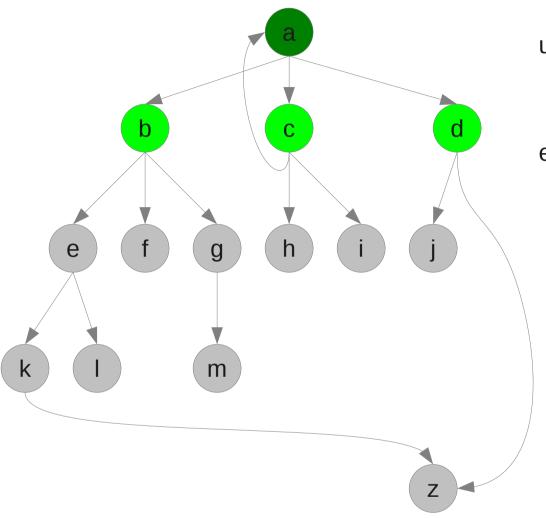


## successors =

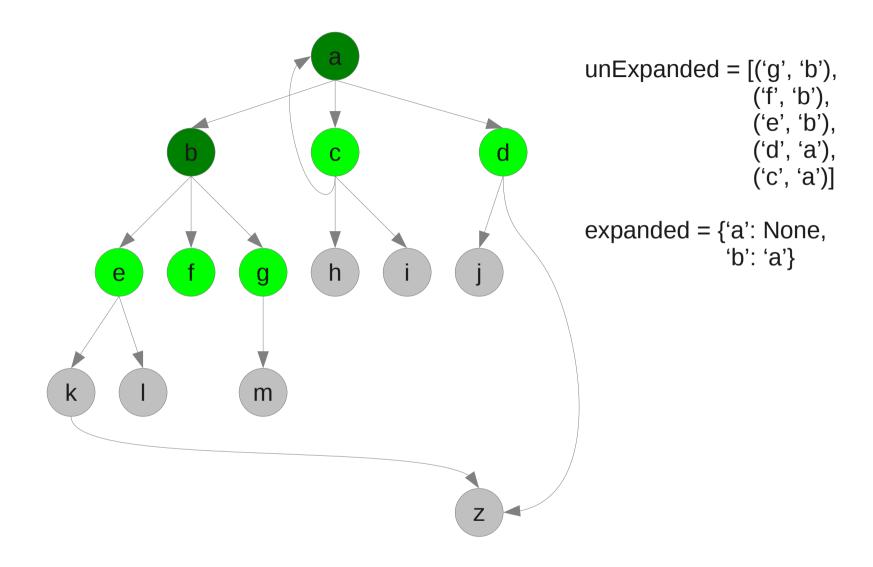
{'a': ['b', 'c', 'd'], 'b': ['e', 'f', 'g'], 'c': ['a', 'h', 'i'], 'd': ['j', 'z'], 'e': ['k', 'l'], 'g': ['m'], 'k': ['z']}

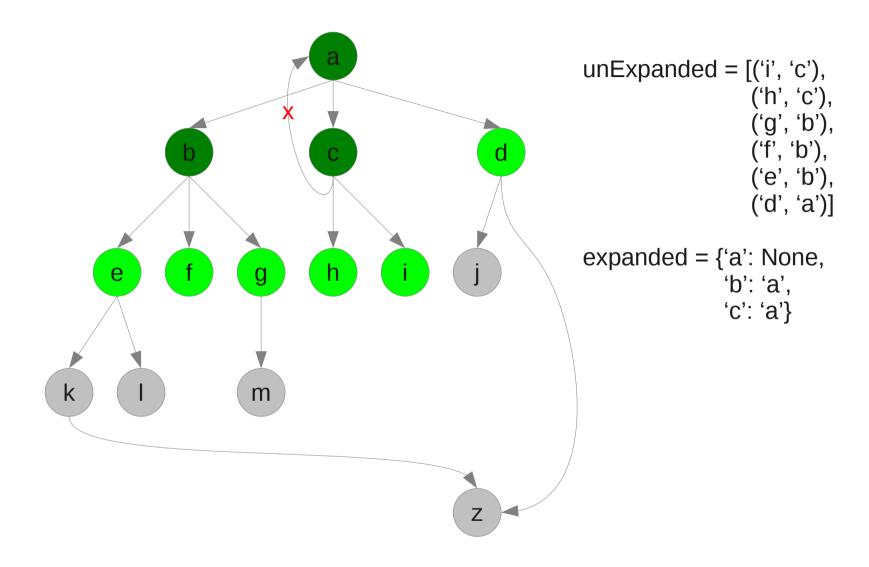


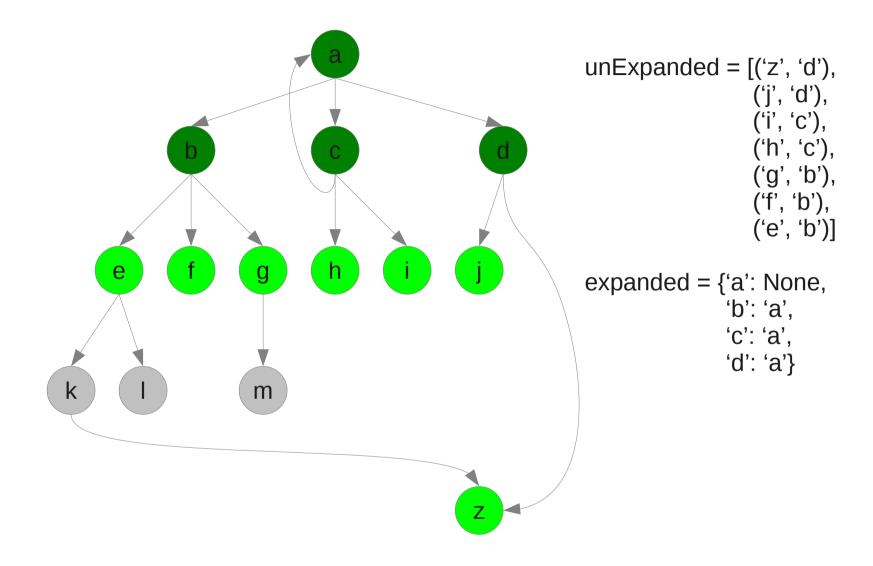
unExpanded = [('a', None)] expanded = {}

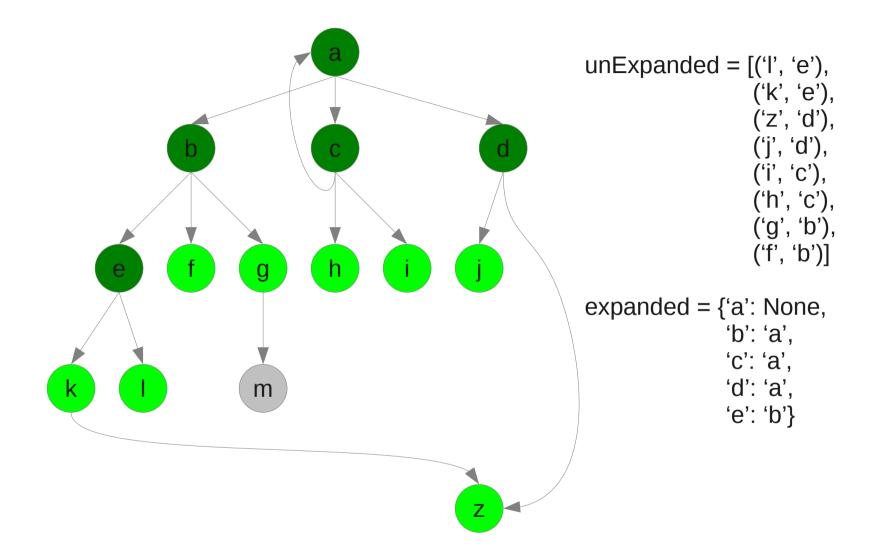


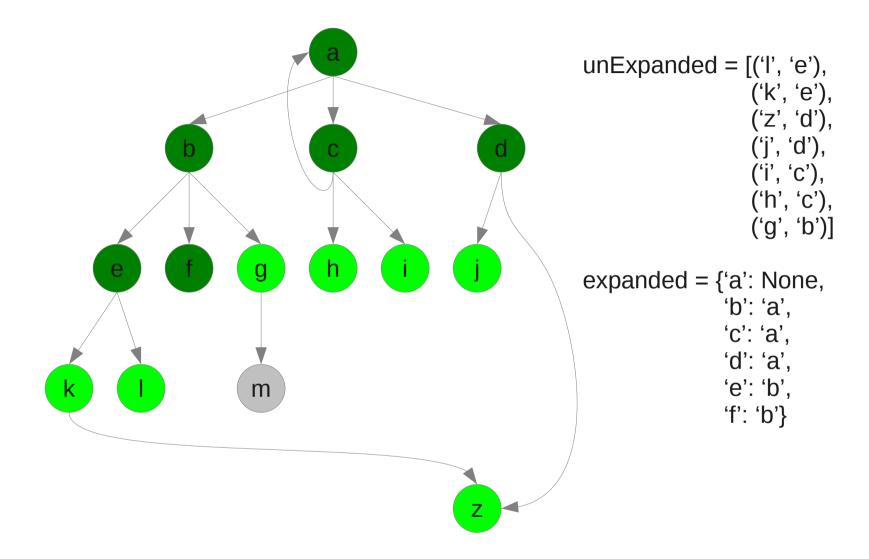
expanded = {'a': None}

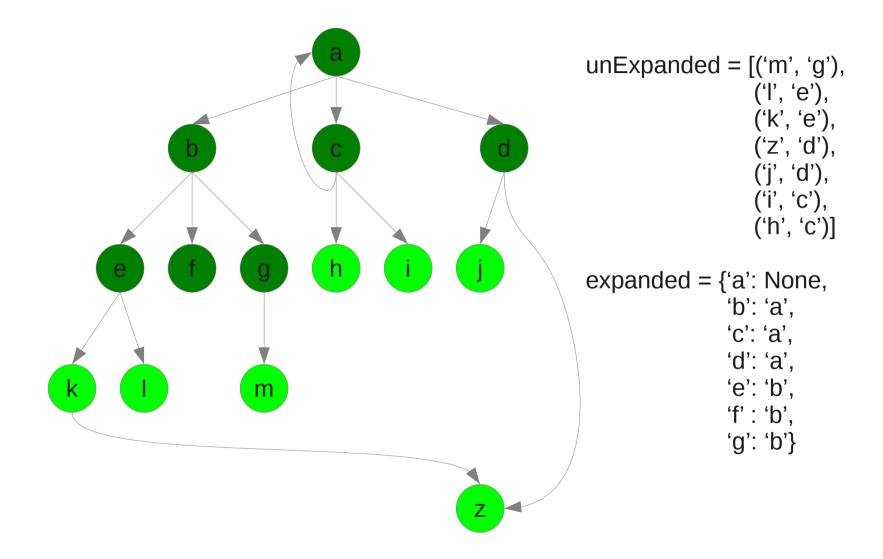


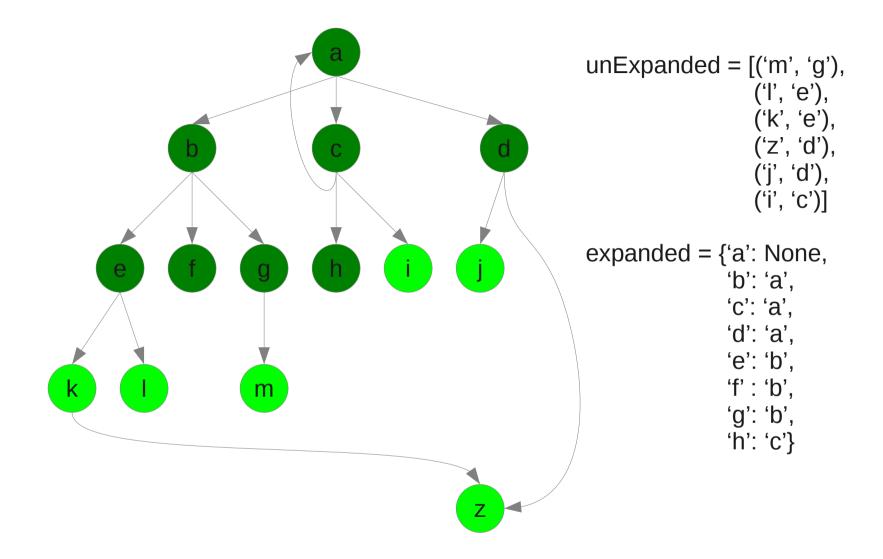


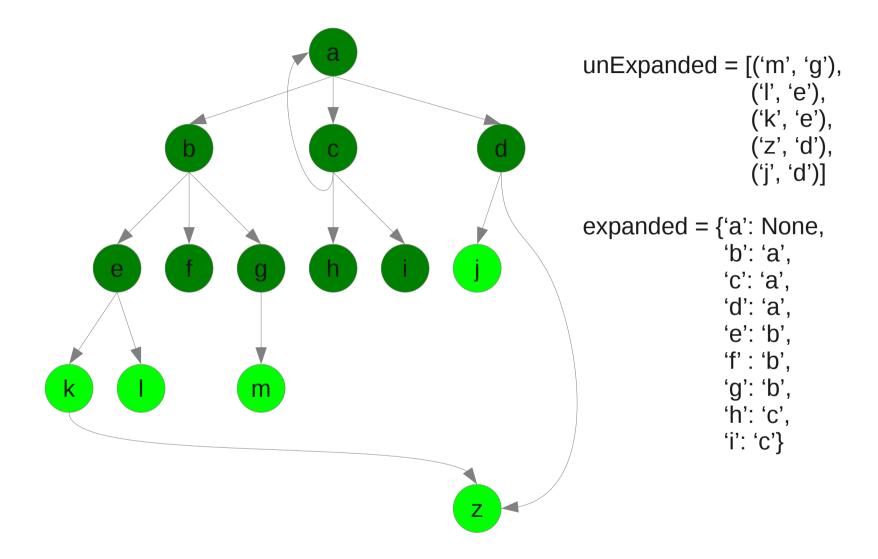


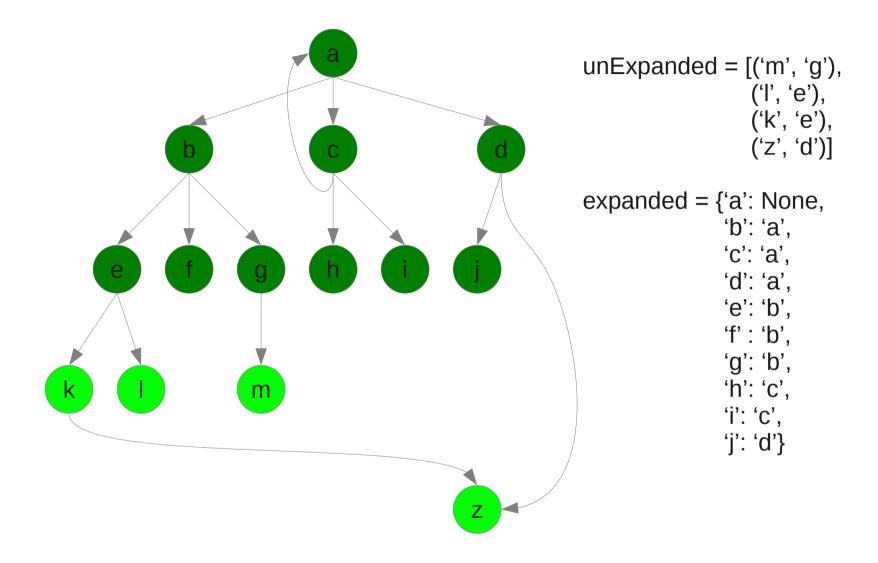


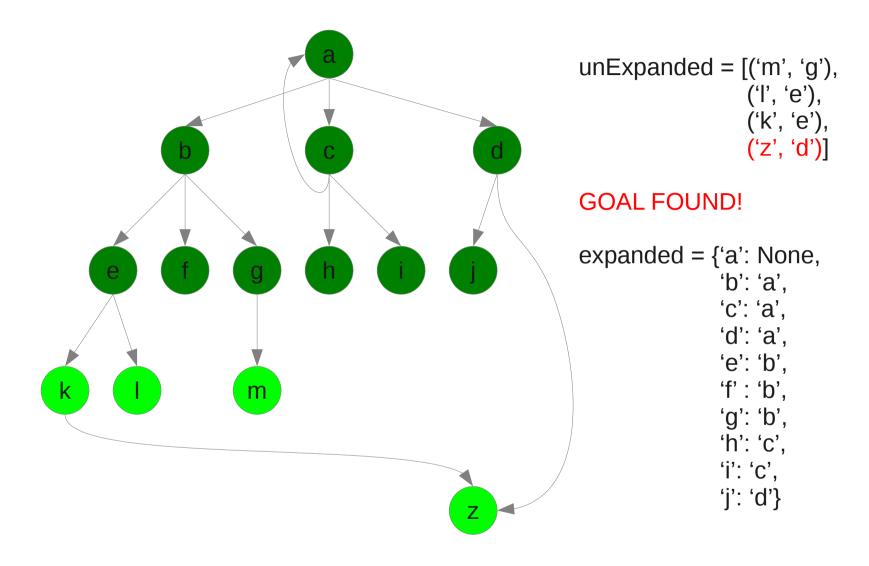


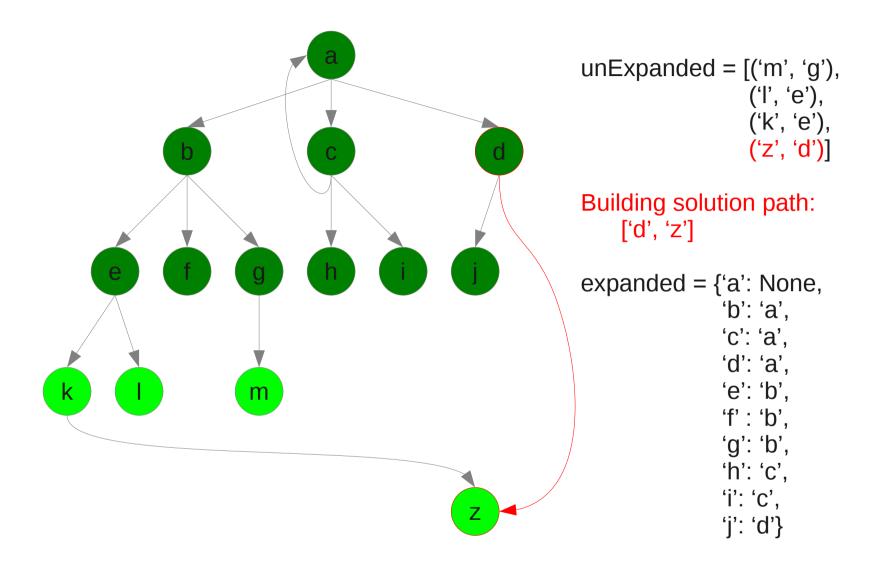


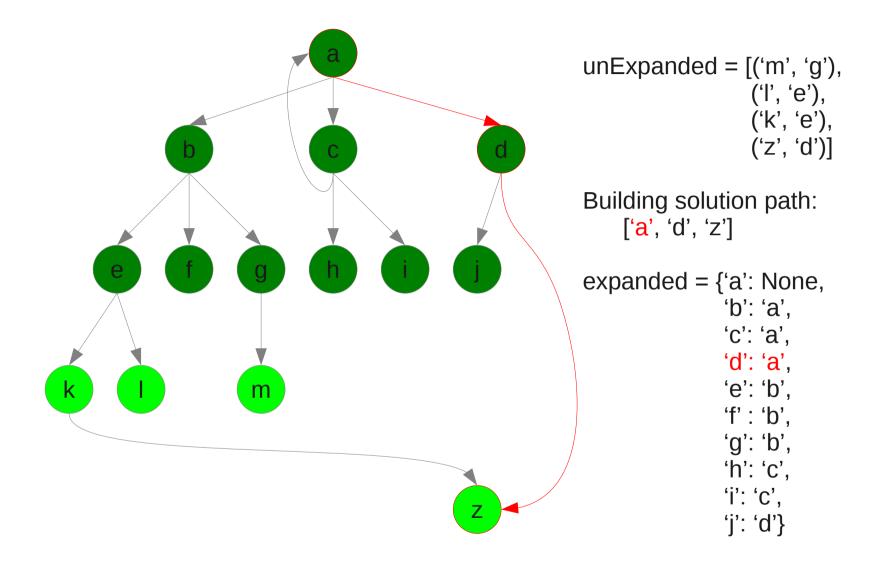




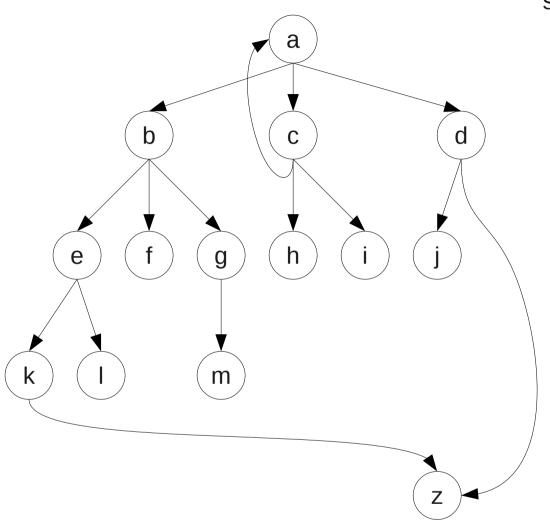






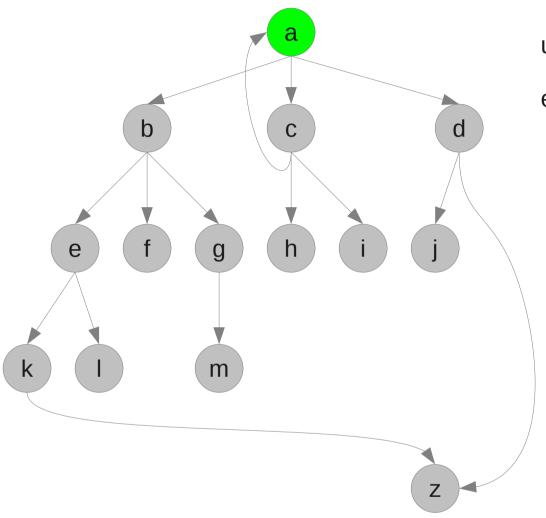


## Depth-First Search: Find path from a to z

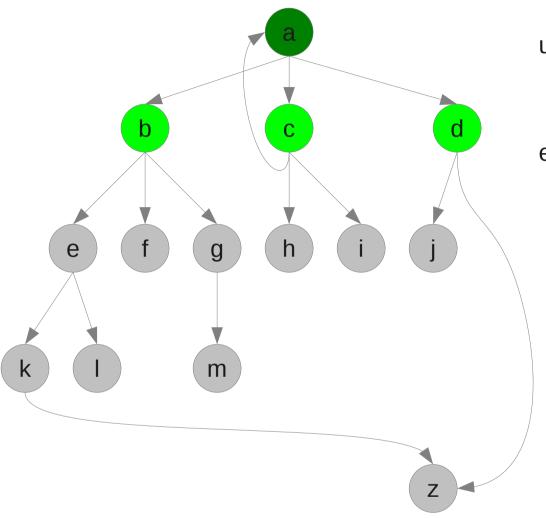


## successors =

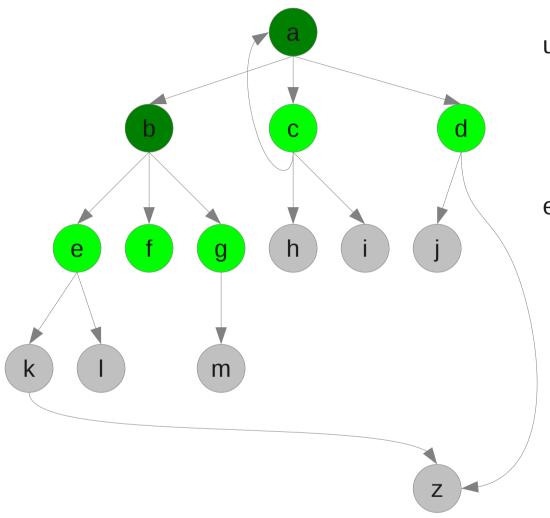
{'a': ['b', 'c', 'd'], 'b': ['e', 'f', 'g'], 'c': ['a', 'h', 'i'], 'd': ['j', 'z'], 'e': ['k', 'l'], 'g': ['m'], 'k': ['z']}



unExpanded = [('a', None)] expanded = {}



expanded = {'a': None}



expanded = {'a': None, 'b': 'a'}

Order in unExpanded is different.

