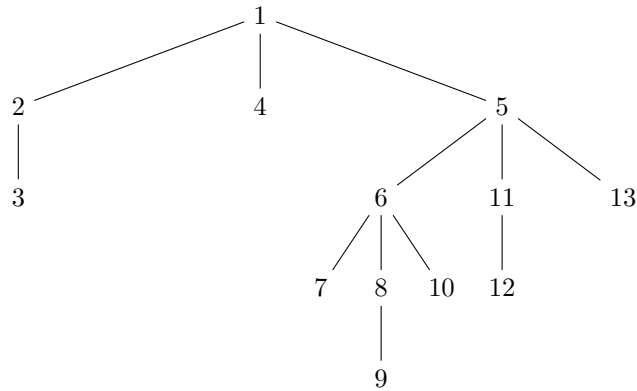


NOTES ON STACKS AND DEPTH FIRST SEARCH

ERIC MARTIN



Popping a path from the top of the stack (right of list) and pushing its extensions to the top of the stack.

[1]	
[]	[1]
[[1, 5], [1, 4], [1, 2]]	
[1, 5], [1, 4]	[1, 2]
[[1, 5], [1, 4], [1, 2, 3]]	
[1, 5], [1, 4]	[1, 2, 3]
[1, 5]	[1, 4]
[]	[1, 5]
[[1, 5, 13], [1, 5, 11], [1, 5, 6]]	
[1, 5, 13], [1, 5, 11]	[1, 5, 6]
[[1, 5, 13], [1, 5, 11], [1, 5, 6, 10], [1, 5, 6, 8], [1, 5, 6, 7]]	
[1, 5, 13], [1, 5, 11], [1, 5, 6, 10], [1, 5, 6, 8]	[1, 5, 6, 7]
[1, 5, 13], [1, 5, 11], [1, 5, 6, 10]	[1, 5, 6, 8]
[[1, 5, 13], [1, 5, 11], [1, 5, 6, 10], [1, 5, 6, 8, 9]]	
[1, 5, 13], [1, 5, 11], [1, 5, 6, 10]	[1, 5, 6, 8, 9]
[1, 5, 13], [1, 5, 11]	[1, 5, 6, 10]
[1, 5, 13]	[1, 5, 11]
[[1, 5, 13], [1, 5, 11, 12]]	
[1, 5, 13]	[1, 5, 11, 12]
[]	[1, 5, 13]