

CSC 148: Introduction to Computer Science

Week 8

Trees and Nested Lists

Putting it all together



University of Toronto Mississauga,
Department of Mathematical and Computational Sciences



Representing Trees with Lists

- Draw diagrams of trees and lists to visualize the relationship

[]



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[]

Empty Tree!



Representing Trees with Lists

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[7]



Representing Trees with Lists

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[7]

7



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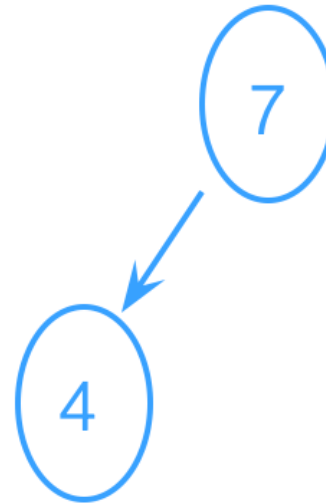
$[7, [4]]$



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$[7, [4]]$





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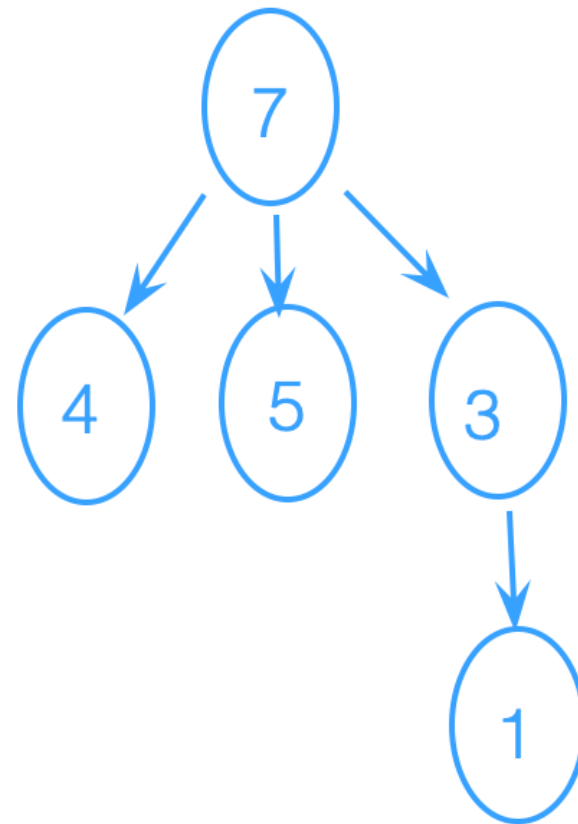
$[7, [4, [5], [3, [1]]]$



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$[7, [4], [5],$
 $[3, [1]]]$





Worksheet: Trees and Nested Lists
