Warm-up: Draw a picture of the Binary Tree represented by the following List

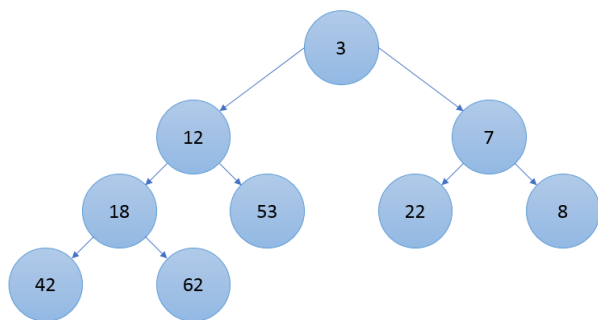| 0	1	2	3	4	5	6	7	8
A	B	C	D	E	F	G	H	J

Heap
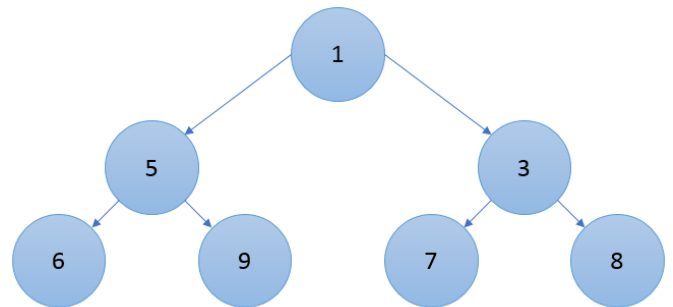
Min-heap vs Max-heap

Activity 1: *Sort the following list using a Heap*

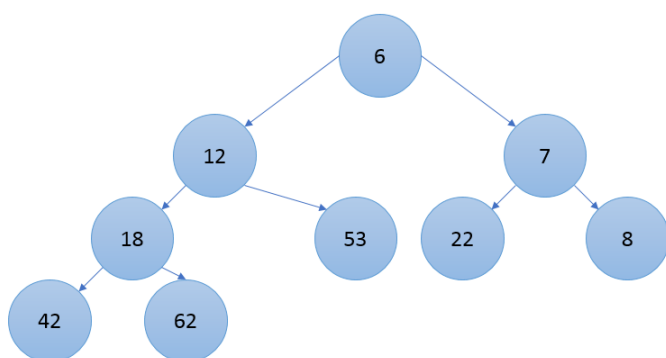List<Integer> nums ← {3, 1, 7, 2, 9, 6, 4}

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Heap h = new Heap();
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Activity 2: *Add the following value to this Min Heap*

Add this: 6

Activity 3: *Remove the root from this Min-Heap*

Heapify

Activity 4: *heapify this tree into a Max-Heap*