

**6.2-3.**

What is the effect of calling  $\text{MAX-HEAPIFY}(A, i)$  when the element  $A[i]$  is larger than its children?

**Answer.**

If  $A[i]$  is larger than both its children, then the subtree rooted at node  $i$  is already a max-heap and the procedure terminates.

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