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Lab 09 Report

1. Answers:

- a) To insert n data to array we need $O(n)$ and $O(\log n)$ to build heap, then the total complexity is $O(n \cdot \log n)$.
- b) Delete minimum replace root with the last element and run build heap $O(\log n)$.
- c) Delete maximum replace largest node under root with the last element and run build heap $O(\log n)$

2. Yes, they are equal each other.