

**Example:1**

Initial Min Heap: 2, 4, 5, 8, 7, 17, 20, 13, 25

Popped root (min): 2

Min Heap after pop: 4, 7, 5, 8, 25, 17, 20, 13

Min Heap after push 1: 1, 4, 5, 7, 8, 17, 20, 13, 25

Peek root: 1

Popped root (min): 1

Min Heap after second pop: 4, 7, 5, 8, 25, 17, 20, 13

**Example:2**

Initial Min Heap with floats: 1.59, 3.14, 2.65, 5.89, 7.32

Min Heap after push 1.41: 1.41, 3.14, 2.65, 5.89, 7.32, 1.59

Popped root from float heap: 1.41

Min Heap after popping root: 1.59, 3.14, 2.65, 5.89, 7.32