

1.

First part: a

Second part: c

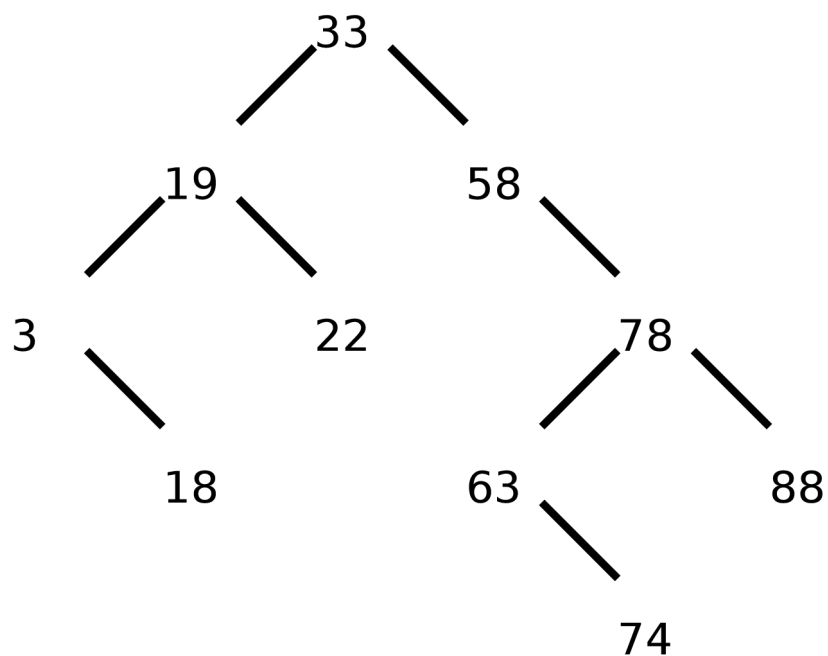
Note: this could be worded better. The intention is that insertions could be at the beginning or end, and removals (or deletions) could be at the beginning or end. With a stack this isn't possible. With a heap it doesn't really make sense to talk of the beginning and end. An ArrayList is a very bad choice if insertions and removals can be at the head, or anywhere but at or near the end. LinkedList works fine, though.

Third part: c

It sorts and displays the keys from the map.

2. HFDBEGAC

3.



4. Not relevant for the Fall 2008 IS 247 section.

5. Copy it, paste it, compile it, and run it to see the answer.