Question 1. (5 points)
Draw the following max-heap after inserting 20 and then after deleting 10, 19 from it:
(assume that you have pointers to the locations of 10, 19)

Figure 1: Max-heap

After insert:

After both deletions:
Quiz 1

**Question 2.** Draw the following AVL tree after inserting 20 and then after deleting 10, 19 from it:

![Figure 2: AVL tree](image)

After insert:

After both deletions: