What is a Binary Tree?

A diagram of a diagram

Description automatically generated with medium confidence

What is the advantage of an AVL tree over a binary search tree? Construct an AVL tree from the given set of data: 50, 20, 60, 10, 8, 15, 32, 46, 11, 48.

Define max and min heaps. Construct a binary max heap using the following set of data and illustrate the deletion operation on this heap:

11, 2, 9, 13, 57, 25, 17, 1, 90, 3

How is a B-tree different to a Binary Search Tree?

Define order and shape properties of a heap.