

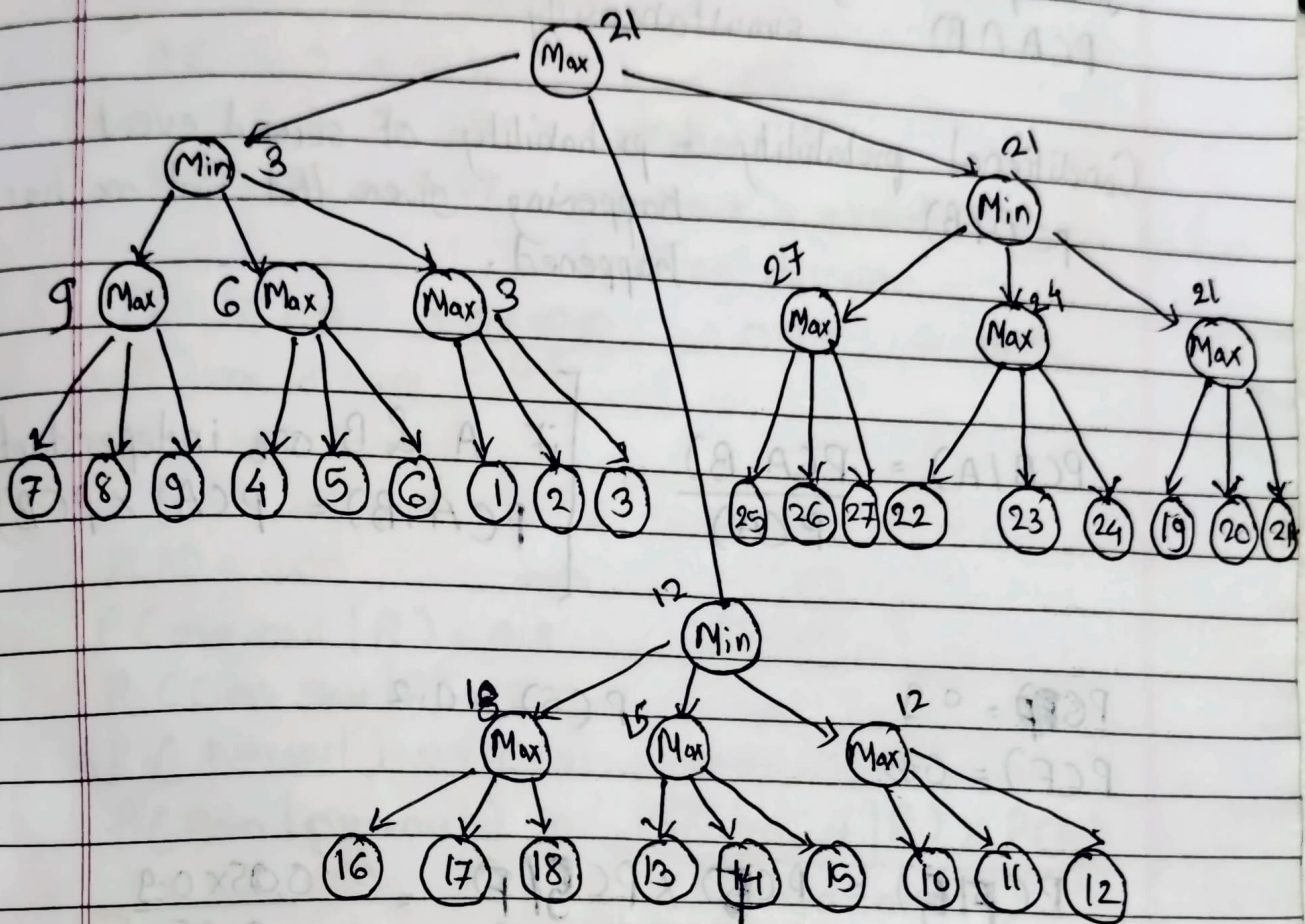
Alpha Beta Pruning Assignment

Course & Batch - PG-DAT March 2024

Roll No - 240340128031

Name - Shubham Shaha.

Date of Submission - 17 April 2024



Benefits over exhaustive search -

In this example, we don't see any benefit over exhaustive search as due to peculiar sequence of all data.

But in other cases, using Alpha Beta pruning over exhaustive search can lead elimination of branches of search tree. This reduces the search time significantly for a tree with many branches & depth. It reduces the effective depth by slightly more than half that of min max which reduces computation & makes search fast.