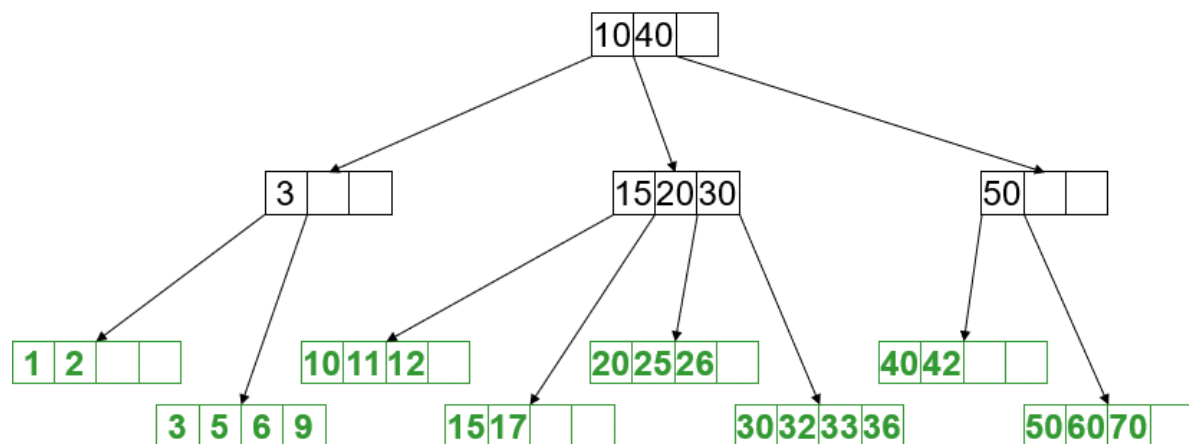


ADSA-2021 Lab Assignment - 6 Duration: 3 Hrs (Time:2PM to 5PM)

Instructions

1. This is an individual assignment.
2. Your code must completely be your own. You are not to take guidance from any general-purpose code or problem specific code meant to solve these or related problems. Remember, it is easy to detect this kind of plagiarism
3. ALL PROBLEMS are COMPULSORY. Carefully read all problems.
4. **Write only a single main function.** You can call the required functions from the main function.
4. Name the file as follows: S2020xxxxx_A06.c
5. DO NOT zip. **Upload a single .c file** directly to your submission in the common Google classroom.

Q1 Create the given B+ tree using C program and print the keys first and then leaf nodes in sequential form. [6]



Q2 Write a program to find the ancestor of a given node using Binary Search tree. Your program should take the user input of a node and then print the respective ancestors of that node till root node. [4]