

1. List the members of your group below:

2. Depict the AVL tree resulting from the sequential insertion of

$1, 2, 3, \dots, 10, 20, 19, \dots, 11$

into an empty tree. All intermediate trees need not be depicted, but it is advisable to depict at least a few.

[additional space for answering the earlier question]

3. Repeat Question 2 for *red-black trees* with *bottom-up insertion*.

4. Repeat Question 2 for *red-black trees* with *top-down insertion*.