# CSCI 220 -- In-Class Exercise 5

| Group Members | Contribution (0 to 10) 0 – no contribution, 10 -- most |
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| Nero Li | 10 |
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**Name of note taker (responsible to collect information and submit it):**

It is best to share a screen via Zoom and work together. Your group can pick either C++ or Java language.

Look up either C++ or Java reference and find a class that is closest to our Binary Search Tree (BST) or one of its variations like AVL tree or Red-Black tree in the book. Map equivalent operations to three important operations: find, insert, and remove. Find out how you can print the list of items. Clearly indicate whether it is C++ or Java.

You can use the format below or set up your own format:

| **SearchTree class in C++ book** | **AVLTree class in C++** |
| --- | --- |
| find(K) | find(K) |
| insert(K,V) | insert(K,V) |
| erase(K) | erase(K) |
| How to print the list | |
| In order | In order |
| From small to big | From small to big |

Given the AVL tree below, provide the resulting after 88 is removed from the tree (x is an external node).

