Today: Homework 2.1 due; B-trees; disk data structures. § 19.8.
Next class: (different from syllabus) Binary heaps; §§ 21.1–21.3.
Reminders: Homework (with reading); newsgroup; portfolio work.

1. List the members of your group below. Underline your name.

2. Depict the result of inserting the following keys, in the order presented, into an initially empty B-tree with parameters $M = 4$ and $L = 3$, based on the definitions and methods in the textbook.¹ (The tree is thus a $B^+$-tree.)

   70, 50, 60, 65, 40, 75, 62, 63, 41, 42, 51, 52, 53, 54

   Depict some intermediate states of the tree, including at least the states after each node-splitting operation.

   Similarly, depict the result of deleting the following keys, in this order, depicting at least the intermediate states after each node-merging operation.

   40, 41, 52, 63

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[additional space for answering the earlier question]