1. Build a Binary Search Tree with the following sequence of keys:
   50, 70, 60, 65, 30, 40, 45, 35


3. Show the tree after each of the following sequence of events:
   Delete 50 then Insert 67 then Delete 70

4. What is the average search cost in that tree?

5. What is the average search cost in a full BST of height:
   (a) 3       (b) 4       (c) 5       (d) h