

1. Suppose that a certain BST has keys that are integers between 1 and 10, and we search for 5. Which sequence below cannot be the sequence of keys examined?
- (a) 10,9,8,7,6,5
 - (b) 4,10,8, 7,5,3
 - (c) 1, 10, 2, 9, 3, 8, 4, 7, 6, 5
 - (d) 2, 7, 3, 8, 4, 5
 - (e) 1, 2, 10, 4, 8, 5