

## **SET 7**

### **Binary search tree (cont.)**

#### **BST Variations**

- a) elements are TElement (no less than comparable that was default for us)  
sort: based on a compare function
- b) information is : (key, value)  
keys are less than comparable
- c) semi-static, linked representation  
(by default: elements are TComparable)

Give a representation. Write subalgorithms for:

1. Get the maximum value from a BST
2. Remove the maximum value from a BST
3. Verify if a BST contains an element
4. Add an element into a BST