

# Proposed Exercise

- (a) Give a string representation for the binary, labeled, on  $\{a,b\}$ , trees, such that all internal nodes are labeled by  $a$ , while all the leaves are labeled by  $b$ .**
- (b) Give an analyzer that scans the strings in  $\{a,b\}^*$ , and answer *Yes* if and only if the sequence is a string representation of a complete, binary, labeled, on  $\{a,b\}$ , tree.**
- (c) Show the steps of the analysis of string:  $abbb$**