Show that the number of external nodes is n+1 if there are n internal nodes

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Suppose that a binary search tree with n internal nodes, every internal node has 2 links, left child (Ic) and right child (rc), for a total of >n links,

Every node except the root has a parent, for total of not nodes with parents

These not nodes with parents are all children, and each of them takes

up one child link

:, unused child links Lexternal nodes)

= (total links) - (used child links) = (>n)-(n-1)=n+1 #