LMCHILD-RSIB Representation of Trees

<table>
<thead>
<tr>
<th>data</th>
<th>parent pointer</th>
<th>left child pointer</th>
<th>right sibling pointer</th>
</tr>
</thead>
</table>

**DATA**(v,T): The data stored at v.

**PARENT**(v,T): Pointer to the parent of v (nil if v is the root or v = nil).

**LMCHILD**(v,T): Pointer to leftmost child of v (nil if v is a leaf or v = nil).

**RSIB**(v,T): Pointer to the sibling of v that is directly to its right (nil if v is the root, v is a rightmost sibling, or v = nil).
(representing trees continued - example)