





















Recursion in Prolog	
ancestor(alice, gayle) :-	
<pre>parent(alice, Y), ancestor(Y, gayle).</pre>	
Try Y = carol.	
<pre>parent(alice, carol).</pre>	YES
ancestor(carol, gayle) :-	
<pre>parent(carol, gayle).</pre>	NO
ancestor(carol, gayle) :-	
<pre>parent(carol, Y'), ancestor(Y', gayle).</pre>	
Try Y' = fred.	
parent(carol, fred). YES	
ancestor(fred, gayle) :-	
<pre>parent(fred, gayle).</pre>	YES
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