The result of step 2,

\[
\text{tpleft->pfore = tpn;}
\]

\[
\text{tpright->pback= tpn;}
\]

\textbf{IS}

\textbf{Voila!}
The big picture after the changes:

The temporary pointer variables tpleft, tpright, tpn are not needed any more. (out of the picture)