







```

% Version 1
% -----

\newcommand{\MyNode}[1]{\Tr{\psframebox[fillcolor=blue!50,fillstyle=solid]{#1}}}

\pstree{\MyNode{A}}
  {\MyNode{B}
    \MyNode{\shortstack{BB\\B}}
    \pstree{\MyNode{\shortstack{BBB\\BB\\B}}}
      {\MyNode{C}
        \MyNode{CC}
        \MyNode{CCC}}}

% Version 2
% -----

\renewcommand{\MyNode}[1]{\Tr[ref=t]{\psframebox[fillcolor=red!50,fillstyle=solid]{#1}}}

\vspace{1cm}
\pstree{\MyNode{A}}
  {\MyNode{B}
    \MyNode{\shortstack{BB\\B}}
    \pstree{\MyNode{\shortstack{BBB\\BB\\B}}}
      {\MyNode{C}
        \MyNode{CC}
        \MyNode{CCC}}}

% Version 3
% -----

\begingroup
\renewcommand{\MyNode}[1]{\Tr[ref=t]{\psframebox[fillcolor=green!50,fillstyle=solid]{#1}}}
\renewcommand{\psedge}[2]{\ncangles[angleA=-90,angleB=90]{#1}{#2}}

\vspace{1cm}
\pstree{\MyNode{A}}
  {\MyNode{B}
    \MyNode{\shortstack{BB\\B}}
    \pstree{\MyNode{\shortstack{BBB\\BB\\B}}}
      {\MyNode{C}
        \MyNode{CC}
        \MyNode{CCC}}}
\endgroup

% Version 4
% -----

\renewcommand{\MyNode}[2][ ]{\Tr[ref=t]{#1{\psframebox[fillcolor=green!50,fillstyle=solid]{#2}}}}

\vspace{1cm}

```

```

\pstree{\MyNode[{\rnode[b]{PredA}]{A}}
  {\renewcommand{\pspred}{PredA}%
   \MyNode{B}
   \MyNode{\shortstack{BB\B}}
   \pstree{\MyNode[{\rnode[b]{PredB}]{\shortstack{BBB\BB\B}}}
     {\renewcommand{\pspred}{PredB}%
      \MyNode{C}
      \MyNode{CC}
      \MyNode{CCC}}}

% Version 5
% -----

\makeatletter

\newcommand{\MyRootNode}[1]{%
\Tr[ref=t]{\Rnode{Pred\romannumeral\pstreelevel}{\psframebox[fillcolor=magenta!50,fillstyle=solid]
\newcommand{\UpdateRootNode}{%
\pst@canta=\pstreelevel
\advance\pst@canta\m@ne
\def\pspred{Pred\romannumeral\pst@canta}}

\makeatother

\vspace{1cm}
\begingroup
\psset{vref=0}
\pstree{\MyRootNode{A}}
  {\UpdateRootNode%
   \MyNode{B}
   \MyNode{\shortstack{BB\B}}
   \pstree{\MyRootNode{\shortstack{BBB\BB\B}}}
     {\UpdateRootNode%
      \MyNode{C}
      \MyNode{CC}
      \MyNode{CCC}}}
\endgroup

% Version 6.a
% -----

\makeatletter

\let\pstreeORIG\pstree

\def\pstree{\@ifnextchar[{\pstreeMOD@i}{\pstreeMOD@i []}}
\def\pstreeMOD@i[#1]{\pstreeMOD@ii[#1]}
\def\pstreeMOD@ii[#1]#2#3{\pstreeMOD@iii[#1]#2\@nil#3\@nil}
\def\pstreeMOD@iii[#1]#2\@nil#3\@nil{%
  \pstreeORIG[#1]{%

```

```

\def\MyNode##1{%
  \Tr[ref=t]{\Rnode{Pred\romannumerical\pstreelevel}{%
    \psframebox[fillcolor=yellow!50,fillstyle=solid]{##1}}}{#2}{%
    \def\MyNode##1{\Tr[ref=t]{\psframebox[fillcolor=magenta!50,fillstyle=solid]{##1}}}%
    \pst@canta=\pstreelevel
    \advance\pst@canta\m@ne
    \def\pspred{Pred\romannumerical\pst@canta}#3}}

\makeatother

\vspace{1cm}
\pstree{\MyNode{A}}
  {\MyNode{B}
    \MyNode{\shortstack{BB\\B}}
    \pstree{\MyNode{\shortstack{BBB\\BB\\B}}
      {\MyNode{C}
        \MyNode{CC}
        \MyNode{CCC}}}}

% Version 6.b
% -----

\vspace{1cm}
\begingroup
\psset{vref=0}
\pstree{\MyNode{A}}
  {\MyNode{B}
    \MyNode{\shortstack{BB\\B}}
    \pstree{\MyNode{\shortstack{BBB\\BB\\B}}
      {\MyNode{C}
        \MyNode{CC}
        \MyNode{CCC}}}}
\endgroup

% Version 6.c
% -----

\vspace{1cm}
\begingroup
\psset{vref=-0.1}
\pstree{\MyNode{A}}
  {\MyNode{B}
    \MyNode{\shortstack{BB\\B}}
    \pstree{\MyNode{\shortstack{BBB\\BB\\B}}
      {\MyNode{C}
        \MyNode{CC}
        \MyNode{CCC}}}}
\endgroup

```