structure in the document with appropriate labels using the Tikz library \documentclass{article} % Import the 'tikz' package for creating diagrams \usepackage{tikz} \usetikzlibrary{trees} \begin{document} **\title{Simple Tree Diagram or Hierarchical Structure in the Document with** appropriate **Labels using the Tikz Library** \date{} **\maketitle** % Create a tree diagram % Wrap the TikZ picture in a 'center' environment to center the diagram \begin{center} \begin{tikzpicture}[ level 1/.style={sibling distance=7cm}, level 2/.style={sibling distance=4cm}, level distance=2cm, every node/.style={font=\large} % Increase font size here (e.g. \large, \Large) 1 % Root node

\node {Root}

10. Develop a LaTeX script to design a simple tree diagram or hierarchical

```
% Level 1 nodes

child { node {Child 1}

% Level 2 nodes

child { node {Grandchild 1.1} }

child { node {Grandchild 1.2} }

}

child { node {Child 2}

% Level 2 nodes

child { node {Grandchild 2.1} }

child { node {Grandchild 2.1} }

child { node {Grandchild 2.2} }

};

\end{tikzpicture}

\end{center}

\end{document}
```