

```
\documentclass[a4paper,12pt]{article}
%\usepackage[margin=2cm]{geometry}
%\usepackage[top=3cm,bottom=2cm,left=3cm,right=3cm]{geometry}
\usepackage{blindtext}
\usepackage{amsmath}
\usepackage[utf8]{inputenc}
\usepackage[T1]{fontenc}
\usepackage{amsmath}
```

```
\title{LaTeX Tutorial}
\author{Roshni Rajkumari}
\begin{document}
\maketitle
%\pagebreak
\blindtext
```

```
\section{First Section: Adding List}
\blindtext
```

The unordered list are:

```
\begin{itemize}
\item Apple
\item Mango
\item Banana
\end{itemize}
```

The ordered list are:

```
\begin{enumerate}
\item Lotus
\item Lily
\item Rose
\end{enumerate}
```

The Nested list are:

```
\begin{enumerate}
\item Flower Category
\begin{itemize}
\item Hibiscus
\item Sunflower
\item Water lily
\end{itemize}
\item Vegetable category
\begin{itemize}
\item Potato
\item Cabbage
\item Spinach
\end{itemize}
\item You can add one more item here
\end{enumerate}
```

\section{Second Section: Adding Equation}

\blindtext\\

The equation  $(a+b)^2=a^2+2ab+b^2$  is in inline mode.

The equation  $((a+b)^2=a^2+2ab+b^2)$  is in inline mode.

The equation \begin{math}

$(a+b)^2=a^2+2ab+b^2$  \end{math} is in inline mode.

\blindtext

The equation 
$$(a+b)^2=a^2+2ab+b^2$$
 is in display mode.

The equation 
$$[(a+b)^2=a^2+2ab+b^2]$$
 is in display mode.

The equation \begin{equation}

$$(a+b)^2=a^2+2ab+b^2$$

\end{equation}

is in display mode.

\blindtext

\begin{align}

$E &= mc^2$

$z &= (b+c)$

$d &= a$

\end{align}

\section{Third Section}

This is line one.

This is a **\textbf{random}** formatting \underline{line 2}.

This is line 3.

\begin{center}

Manipur Technical University

\end{center}

\begin{flushleft}

Computer Science Engg Dept

\end{flushleft}

\begin{flushright}

Third Semester

\end{flushright}

\end{document}