• itemize: Lists without counting.

Example 1. Input:
\begin{itemize}
\item apple
\item berry
\begin{itemize}
\item strawberry
\item blueberry
\end{itemize}
\end{itemize}

Output:
◦ apple
◦ berry
− strawberry
− blueberry

Most of this page is formatted in an itemize list.

• enumerate: lists with counting.

Example 2. Input:
\begin{enumerate}
\item apple
\item berry
\begin{enumerate}
\item strawberry
\item blueberry
\end{enumerate}
\end{enumerate}

Output:
1. apple
2. berry
(a) strawberry
(b) blueberry

• description: lists headed by a word

Example 3. Input:
\begin{description}
\item[apple] a crisp, red or green fruit.
\item[berry] a small, succulent fruit.
\begin{description}
\item[strawberry] a ‘false’ berry that is red, oblong, and covered in seeds.
\item[blueberry] a true berry that is blue, spherical, and contains a relatively small number of seeds.
\end{description}
\end{description}

Output:
apple a crisp, red or green fruit.
berry a small, succulent fruit.
strawberry a “false” berry that is red, oblong, and covered in seeds.
blueberry a true berry that is blue, spherical, and contains a relatively small number of seeds.

• Customizing labels for enumerate, using built-in commands.

Example 4. Input:
\begin{enumerate}
\renewcommand{\labelenumi}{\roman{enumi}.}
\renewcommand{\labelenumii}{\Alph{enumii}.}
\item apple
\item berry
\begin{enumerate}
\item strawberry
\item blueberry
\end{enumerate}
\end{enumerate}

Output:
i. apple
ii. berry
A. strawberry
B. blueberry

• Customizing labels for itemize, using built-in commands.

Example 5. Input:
\begin{itemize}
\renewcommand{\labelitemi}{$\circ$}
\renewcommand{\labelitemii}{$\dagger$}
\item apple
\item berry
\begin{itemize}
\item strawberry
\item blueberry
\end{itemize}
\end{itemize}

Output:
◦ apple
◦ berry
† strawberry
† blueberry

• Customizing labels using the enumitem package.

The previous examples can be recreated as follows
\usepackage{enumitem}
\setenumerate[1]{label=\roman*.}
\setenumerate[2]{label=\Alph*.}
\setitemize[1]{label=$\circ$}
\setitemize[2]{label=$\dagger$}
\end{enumitem}

• Customizing lengths using the enumitem package.

The following will change the length of various vertical spaces to 0 inches.
\usepackage{enumitem}
\setlist{itemsep=0in, parsep=0in, topsep=0in}