

# BIBTEX Example

**L<sup>A</sup>T<sub>E</sub>X2e Code :**

```
\begin{document}
:
\bibliographystyle{bibliography style file name (.bst)}
\bibliography{%
bibliography entries file name (.bib)%
}
:
\end{document}
```

**Procedure :**

- *Do not* enter the files extensions for either of the bibliography files.
- Run the command `bibtex document file name` to generate the bibliography files (*.bbl* and *.blg*).
- Run the command `latex document file name` **twice** to incorporate the bibliography into the document.

# Figure Example

**L<sup>A</sup>T<sub>E</sub>X2e Code :**

```
\usepackage{epsfig}
:
\begin{document}
:
\begin{figure} [htbp]
\centerline{\psfig{figure=figure name.ps,height=4in}}
OR
\centerline{\psfig{figure=figure name.ps,width=4in}}
\caption{figure caption text}
\label{fig:figure label}
\end{figure}
:
\end{document}
```

**Procedure :**

- The package `epsfig` allows PostScript figures to be included.
- The portion `[htbp]` specifies the figure location.
- The command `\centerline{}` centers the figure horizontally.
- Setting both `height=` and `width=` will distort the figure.

# Equation Example

**L<sup>A</sup>T<sub>E</sub>X2e Code :**

```
\documentclass[fleqn,reqno,...]{...}  
:  
\usepackage{amsmath}  
:  
\begin{document}  
:  
\begin{equation}  
:  
\label{eqn:equation label}  
\end{equation}  
:  
\end{document}
```

**Procedure :**

- The option `fleqn` left aligns equations.
- The option `reqno` puts equation numbers on the right.
- The package `amsmath` gives access to additional equation formats.

# Table Example

**L<sup>A</sup>T<sub>E</sub>X2e Code :**

```
\usepackage{array}
\usepackage{hhline}
:
\begin{document}
:
\begin{table}[htbp]
\begin{center}
\begin{tabular}{column formatting specifiers}
:
\end{tabular}
\end{center}
\caption{table caption text}
\label{tbl:table label}
\end{table}
:
\end{document}
```

**Procedure :**

- The package array gives access to additional column formats.
- The package hhline gives access to additional column separators.
- The command `\begin{center} ... \end{center}` centers the table horizontally.

# Project Management Example

**L<sup>A</sup>T<sub>E</sub>X2e Code :**

*Main File*

```
\includeonly{chapter 1 file,chapter 3 file}
:
\begin{document}
:
\include{chapter 1 file}
\include{chapter 2 file}
:
\end{document}
```

*Chapter 1 File*

```
\input{section 1 file}
\input{section 2 file}
:
```

**Procedure :**

- The command `\includeonly{...}` allows only particular chapters to be compiled by L<sup>A</sup>T<sub>E</sub>X2e.
- The command `\include{...}` *always* starts a new page.
- The command `\input{...}` *does not* automatically start a new page, but there is *not* an `\inputonly{...}` command.