

# Latex

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January 13, 2014

```
\documentclass{article}
\begin{document}
This is my \emph{first} document prepared in \LaTeX.
\end{document}
```

```
\documentclass{article}
\begin{document}

\begin{center}
The \TeX nical Institute\[\.75cm]
Certificate
\end{center}
\noindent This is to certify that Mr. XYZ has undergone a
course at this institute and is qualified to be a \TeX nician.
\begin{flushright}
The Director\
The \TeX nical Institute
\end{flushright}

\end{document}
```

```
\documentclass{article}
\begin{document}
```

```
\textit{A polygon of three sides is called a \emph{triangle} and a
polygon of four sides is called a \emph{quadrilateral}} \\\
```

```
\textbf{A polygon of three sides is called a
\emph{triangle} and a polygon of four sides is called a
\emph{quadrilateral}}
```

```
\end{document}
```

```
\documentclass{article}
\begin{document}

\begin{center}
{\bfseries\huge The \TeX nical Institute}\\[1cm]
{\scshape\LARGE Certificate}
\end{center}

\noindent This is to certify that Mr. XYZ has undergone a
course at this institute and is qualified to be a \TeX nical Expert.

\begin{flushright}
{\sffamily The Director\
The \TeX nical Institute}
\end{flushright}

\end{document}
```

```
\documentclass[12pt]{article}
\usepackage{palatino,url}
\begin{document}
\section{My first document}
This is a short example of a \LaTeX\ document I wrote
on \today. It shows a few simple features of automated
typesetting, including
\begin{itemize}
\item using the \LaTeX\ logo; and generating today's date;
\item formatting a list of items;
\item centering and italicizing;
\item autonumbering the pages.
\end{itemize}
\subsection*{More information}
This example was taken from 'Formatting Information',
which you can download from
\url{http://www.ctan.org/tex-archive/info/beginlatex/}
and use as a teach-yourself guide.
\begin{center}
\textit{Have a nice day!}
\end{center}
\end{document}
```

```
\documentclass[11pt,a4paper,oneside]{report}
\usepackage[latin1]{inputenc}
\begin{document}
```

```
\title{Practical Typesetting}
\author{KR Chowdhary \CSE Departemnt}
\date{today}
\maketitle
```

```
\begin{abstract}
```

This document presents the basic concepts of typesetting in a form usable by non-specialists. It is aimed at those who find themselves (willingly or unwillingly) asked to undertake work previously sent out to a professional printer, and who are concerned that the quality of work (and thus their corporate  $\tilde{A}$ esthetic) does not suffer unduly.

```
\end{abstract}
```

```
\end{document}
```

```
\documentclass[11pt,a4paper,oneside]{report}
\usepackage[latin1]{inputenc}
\begin{document}
```

```
\title{Practical Typesetting}
\author{KR Chowdhary \\\CSE Departemnt}
\date{Nov. 2011}
\maketitle
```

```
\begin{abstract}
```

This document presents the basic concepts of typesetting in a form usable by non-specialists. It is aimed at those who find themselves (willingly or unwillingly) asked to undertake work previously sent out to a professional printer, and who are concerned that the quality of work (and thus their corporate aesthetic) does not suffer unduly.

```
\end{abstract}
```

```
\begin{table}
```

```
\caption{Project expenditure to year-end 2006}
```

```
\label{ye2006exp}
```



```

...
\begin{center}
\begin{tabular}{clr}
&Item&\EUR\ Amount\\
\hline
a)&Salaries (2 research assistants)&28,000\\
&Conference fees and travel expenses&14,228\\
&Computer equipment (5 workstations)&17,493\\
&Software&3,562\\
b)&Rent, light, heat, etc.&1,500\\
&Total&64,783
\end{tabular}
\par\medskip\footnotesize
The Institute also contributes to (a) and (b).
\end{center}
\end{table}
\end{document}

```

```
\documentclass[11pt,a4paper,oneside]{report}  
\usepackage[latin1]{inputenc}  
\begin{document}
```

```
\title{Practical Typesetting}  
\author{KR Chowdhary \\CSE Departemnt}  
\date{Nov. 2011}  
\maketitle  
\begin{verbatim}  
\documentclass[11pt,a4paper,oneside]{report}  
\begin{document}  
\title{Practical Typesetting}  
\author{Peter Flynn\\Silmaril Consultants}  
\date{December 2004}  
\maketitle  
\end{document}  
\end{verbatim}  
\end{document}
```