

Your First L^AT_EX Document

Basic Layout and Title Pages

Your Name

May 9, 2023

- Creating documents with \LaTeX is simple and fun
- Start with a plain text file (.tex) containing \LaTeX code and content
- Compile the .tex file into a PDF using the \LaTeX compiler

Basic Example

```
\documentclass{article}  
\begin{document}  
  Hello World!  
\end{document}
```

Magic Behind the Scenes

- \LaTeX commands start with a backslash (\backslash)
- Commands have a structure: $\backslash\text{commandname}\{\text{option}\}$
- Document class sets the overall layout (e.g., `article`)
- Environment defines an area with specific typesetting rules
- Preamble contains commands before the `document` environment

Adding a Title Page

```
\documentclass{article}
\title{My first document}
\date{2013-09-01}
\author{John Doe}
\begin{document}
  \maketitle
  \newpage
  Hello World!
\end{document}
```

Hiding Page Numbers

```
\documentclass{article}
\title{My first document}
\date{2013-09-01}
\author{John Doe}
\begin{document}
  \pagenumbering{gobble}
  \maketitle
  \newpage
  \pagenumbering{arabic}
  Hello World!
\end{document}
```

Conclusion

- You have successfully created your first \LaTeX document
- Next lessons will cover document structure and advanced features