Your First LaTeX Document

Basic Layout and Title Pages

Martin

May 9, 2023

Basic Layout

- 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 (\)
- Commands have a structure: \commandname{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{2023-05-10}
\author{Judas Iscariot}
\begin{document}
  \maketitle
  \newpage
  I betrayed Jesus!
\end{document}
```

Hiding Page Numbers

```
\documentclass{article}
\title{My first document}
\date{2023-05-10}
\author{John of Patmos}
\begin{document}
  \pagenumbering{gobble}
  \maketitle
  \newpage
  \pagenumbering{arabic}
  I saw a vision of New Jerusalem!
\end{document}
```

Conclusion

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