Introduction to LaTeX

A Beginner's Guide

This is a simple guide that shall serve as an introduction to LaTeX (ˈlɑːtɛk or ˈleɪtɛk). Test paper.
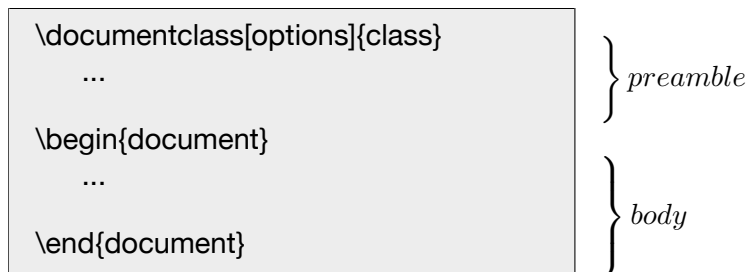
*Please note that …

1. What is LaTeX?

Add text here.

2. Structure of a LaTeX-Document

A LaTeX-document consists of two main parts: 1.) the preamble and 2.) the body. The preamble is where the fundamentals of the document are set up, including the type of document, format and packages (see XXX). It may also contain metadata such as the the author, date or title. The preamble is initiated by the command *documentclass{}* and ends with the beginning of the main body. The main body is where the actual text of the document is created through a combination of normal text and markup. It always begins with the *begin{document}* command and ends with the *end{document}* command. Every LaTeX document requires all three of the above command lines irregardless of the contents. Thus, the general structure of a LaTeX document can be described as:

```
\documentclass[options]{class}
    ...

\begin{document}
    ...

\end{document}
```

$\left.\begin{array}{c}\\\\\end{array}\right\} preamble$

$\left.\begin{array}{c}\\\\\end{array}\right\} body$

Ex. 1)

```
\documentclass{minimal}
\begin{document}
Hello world!
\end{document}
```