

# Sample Document

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## 1 Introduction

This is a simple LaTeX document example.

## 2 Hello World

Hello World! This is a simple LaTeX document compiled with LuaLaTeX.

## 3 Additional Examples

Here we can add more content :):

- First item
- Second item
- Third item

### 3.1 Mathematical Formula

Here's a simple formula:  $E = mc^2$

### 3.2 Small Table

Column 1	Column 2
Cell 1	Cell 2
Cell 3	Cell 4

## 4 More Content

This document demonstrates basic LaTeX functionality:

1. Numbered lists work too
2. Mathematical expressions:  $\sum_{i=1}^n i = \frac{n(n+1)}{2}$
3. Text formatting: **bold**, *italic*, underlined