

# A Simple LaTeX Example

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## 1 Introduction

This is a simple example of a  $\text{\LaTeX}$  document written entirely in English. You can write text, create sections, and include mathematical formulas.

## 2 Mathematics

Here is an example of a quadratic equation:

$$ax^2 + bx + c = 0$$

The solutions to this equation are given by the quadratic formula:

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

## 3 Conclusion

This example demonstrates basic structure and math typesetting in  $\text{\LaTeX}$ .