

# Hello LaTeX in VS Code

Your Name

October 28, 2025

## 1 Introduction

This is a test of L<sup>A</sup>T<sub>E</sub>X in VS Code. Here's an inline math example:  $E = mc^2$ , and a displayed equation:

$$\nabla \cdot \mathbf{E} = \frac{\rho}{\varepsilon_0}$$