

# Mini Lab Report (LaTeX Project Example)

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# 1 Introduction

This sample document reproduces the structure of the provided template. It includes sections, subsections ,lists, tables, figures, equations, and references.

## 2 Objectives

The objectives of this lab project are:

- To practice LaTeX document structure.
- To insert tables, images, equations, and citations.

## 3 Results

Table ?? shows a sample table.

Student Name	Marks
Faiq	85
Haseeb	92

Table 1: Sample student marks table.

## 4 Figure Example



Figure 1: Sample figure placeholder.

## 5 Mathematical Equations

Here are three sample equations:

1. Quadratic Formula:

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

2. Integral Example:

$$\int_0^1 x^2 dx$$

3. Matrix Example:

$$A = \begin{bmatrix} 1 & 2 \\ 3 & 4 \end{bmatrix}$$

## References

- [1] J. Miller, *Introduction to Modern Chemistry*. New York: Nova Science Publishers, 2023.
- [2] S. Ahmed and L. Roberts, “Sustainable Approaches to Plastic Recycling,” *Journal of Environmental Technology*, vol. 15, no. 2, pp. 88–102, 2024.

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