
Practical Work 2: Text Formatting in L^AT_EX

Author: Your Name

Date: \today.

1. Accents and Special Characters

Exercise 1

Write the following accented characters in L^AT_EX.

\'e \"e ^e \"e \c{c} \~n

Output: é è ê ë ç ñ

2. Font Styles

L^AT_EX provides several commands to modify text style.

Command	Result
\textbf{text}	Bold text
\textit{text}	<i>Italic text</i>
\texttt{text}	Typewriter text
\underline{text}	<u>Underlined text</u>
\textsc{text}	SMALL CAPS

Exercise 2

Write a paragraph with bold, italic, typewriter, and underlined words.

3. Font Sizes

L^AT_EX allows different text sizes.

Command	Example
\tiny	Tiny text
\small	Small text
\large	Large text
\Large	Larger text
\huge	Huge text
\Huge	Huge text

Exercise 3

Write the same sentence using three different font sizes.

4. Horizontal and Vertical Spacing

L^AT_EX automatically manages spacing, but it is sometimes useful to control it manually.

Examples:

```
Hello\quad world
Hello\qquad world
Hello\hspace{1cm}world
```

Output:

```
Hello  world
Hello   world
Hello    world
```

Vertical spacing:

```
First line
\vspace{1cm}
Second line
```

Exercise 4

Write two paragraphs separated by a vertical space of 1 cm.

5. Title, Author, and Date

Exercise 5

Create a document with:

- a title, (using `\title{Introduction to LaTeX}`),
- your name as author, (using `\author{Your Name}`),
- today's date, (using `\date{\today}`).

Then make them in your paper using `\maketitle`.

6. Sections

L^AT_EX automatically numbers sections. Example:

```
\section{Introduction}
\subsection{Motivation}
\subsection{Objectives}
```

Exercise 6

Write a short document containing:

- one section,
- two subsections.