

- 1 Introduction
- 2 Examples of basic lists
  - 2.1 The itemize environment for bulleted (unordered) lists
  - 2.2 The enumerate environment for numbered (ordered) lists
  - 2.3 The description environment
- 3 Changing the label of individual entries
- 4 Nested lists
  - 4.1 Nested lists: label style
    - 4.1.1 Nested enumerate lists: number format
    - 4.1.2 Nested itemize lists: bullet style
- 5 Customizing lists
  - 5.1 Customizing lists: changing labels
    - 5.1.1 Standard label-generation commands
    - 5.1.2 Counter variables for enumerate
    - 5.1.3 Examples: customizing labels of enumerate lists
      - 5.1.3.1 Practical example
      - 5.1.3.2 Printing counter example
      - 5.1.3.3 Non-practical(fun) example
  - 5.2 Customizing lists: changing the layout
    - 5.2.1 LaTeX list parameters
    - 5.2.2 Creating a custom list using the list environment
  - 5.3 Using the enumitem package to modify and create lists
    - 5.3.1 enumitem package to modify and create lists
    - 5.3.2 Modifying a standard list
    - 5.3.3 Creating a new list with enumitem
      - 5.3.3.1 Using `\setlist` to configure a custom list created with `enumitem`
    - 5.3.4 Lists for lawyers: nesting lists to an arbitrary depth.
    - 5.3.5 Custom bullets using the enumitem package and MetaPost
      - 5.3.5.1 Example 1: auto-sizing bullets points
      - 5.3.5.2 Example 2: funky custom bullets
- 6 Other features of the enumitem package

# 1. Introduction

This article provides an introduction to typesetting,& customizing

- the itemize - unordered list
- the enumerate - ordered list
- the description - list of descriptions

# 2. Examples of basic lists

## 2.1 The itemize

Lists are easy to create:

- List entries start with the `\item` command.
- Individual entries are indicated with a black dot, a so-called bullet.
- The text in the entries may be of any length

## 2.2 The enumerate

Lists are easy to create:

- 1 List entries start with the `\item` command.
- 2 Individual entries are indicated with a black dot, a so-called bullet.
- 3 The text in the entries may be of any length

## 2.3 The descriptionss

Lists are easy to create:

- 1 List entries start with the `\item` command.

**Step 1:** List entries start with the `\item` command.

**Step 2:** Individual entries are indicated with a black dot, a so-called bullet.

**Step 3:** The text in the entries may be of any length

# 3. Changing the label of individual entries