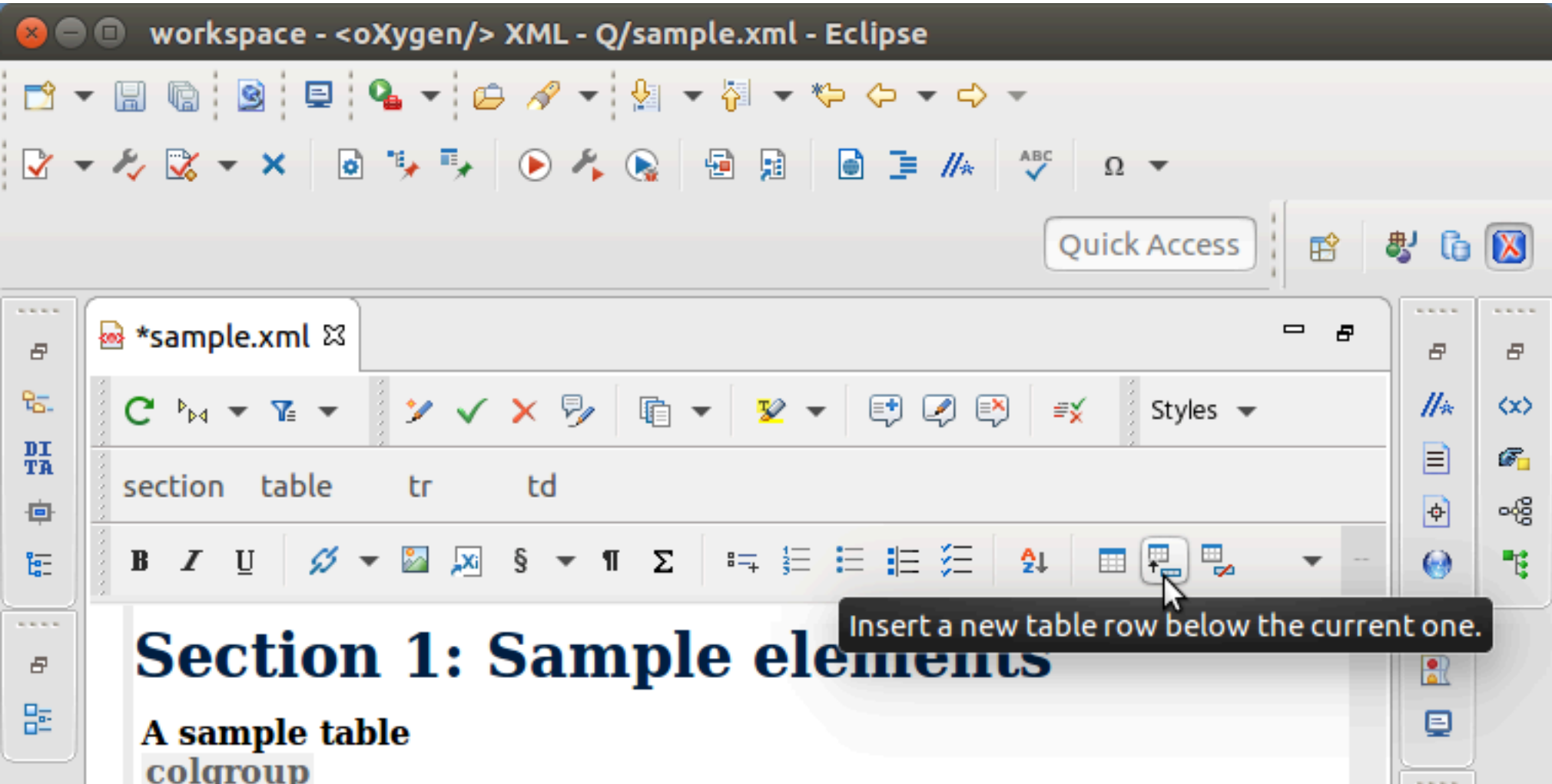


The screenshot shows the XMLMind Editor interface. The title bar indicates the file path: `/ma/goik/workspace/Q/sample.xml`. The menu bar includes `File`, `Select`, `Edit`, `Search`, `View`, `Tools`, `DocBook`, `Window`, `Options`, and `Help`. The toolbar contains various icons for file operations and editing. The breadcrumb path is `section > table > tr > td > #text`. The active document is `sample.xml`, with other tabs for `software.xml`, `lectures.xml`, and `general.xml`. The main content area displays a tree view with a collapsed node `1 Sample elements` and a sub-node `A sample table`. Below the tree, the XML code `<colgroup/>` is visible. A table is rendered below the code:

1997	45.000,00€
2003	52.000,00€

A context menu is open over the table, listing the following actions: `Insert Before`, `Insert After` (highlighted), `Cut`, `Copy`, `Paste Before`, `Paste After`, and `Delete`. The right sidebar contains an `Edit` panel and an `Attributes` panel.

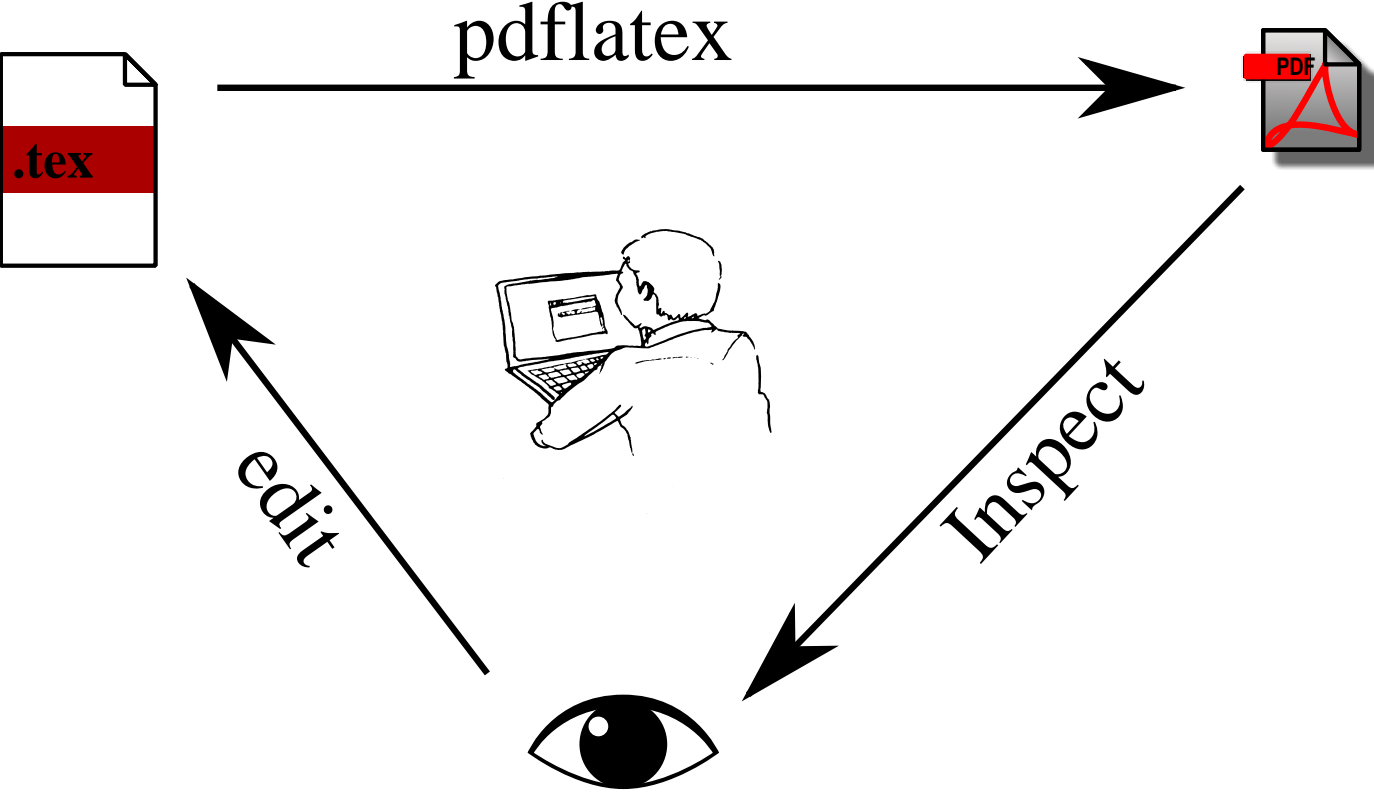
Oxygenxml Author



Vendor links

- XMLMind editor personal edition
- Oxygen XML Editor 19

Inverse editing

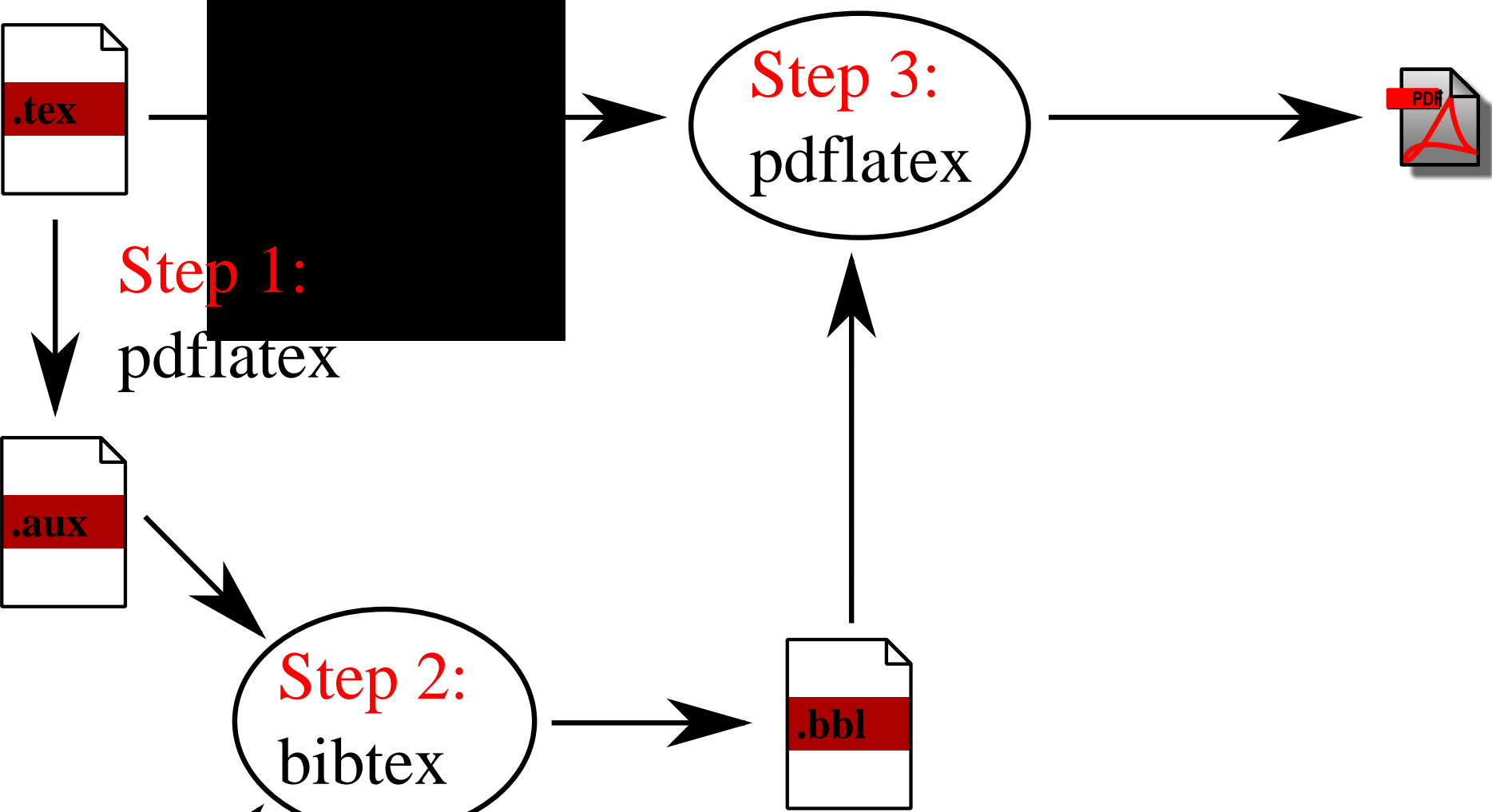


Document representation

```
\documentclass{article}
\usepackage{listings}           % Include the listings-pa
\begin{document}
\lstset{language=Pascal}       % Set your language
\begin{lstlisting}[frame=single] % Start your code-block
for i:=maxint to 0 do
begin
{ do nothing }
end;
Write('Case insensitive ');
Write('Pascal keywords. ');
\end{lstlisting}
```

Components

- | | |
|--|--|
| <ul style="list-style-type: none">• TeX compiler• LaTeX macros• CTAN extensions• BibTeX | <ul style="list-style-type: none">• Makeindex• MetaFont• HTML converter• more in the universe ... |
|--|--|



Makeindex example

```
\documentclass{article}
\usepackage[utf8]{inputenc}
\usepackage{makeidx}
\makeindex
```

```
\begin{document}
```

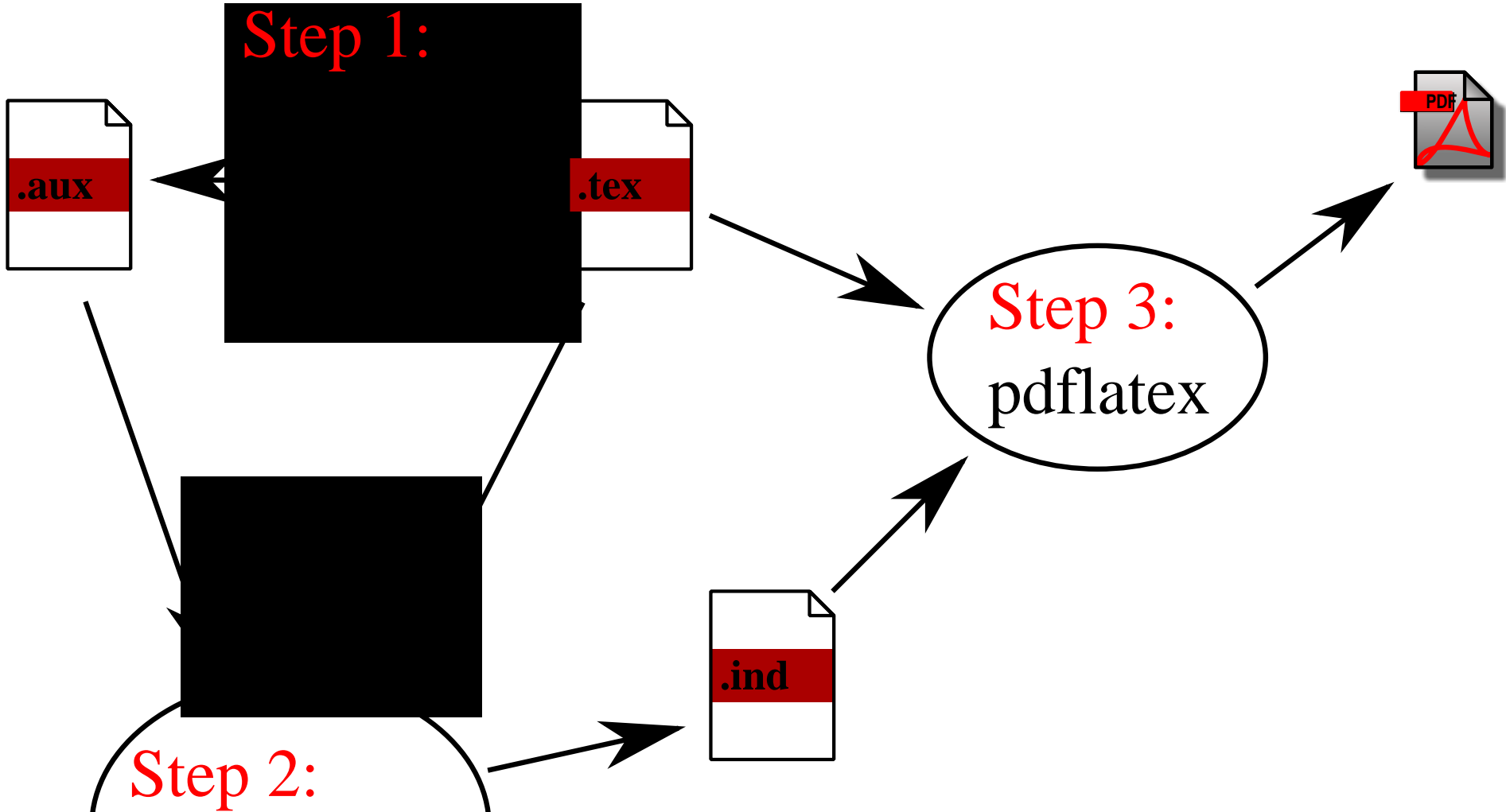
```
\section{Introduction}
```

In this example several keywords\index{keywords} will be used which are important and deserve to appear in the Index\index{Index}.

Terms like generate\index{generate} and some\index{others} will also show up.

```
\printindex
\end{document}
```


Makeindex work flow



Flavours

- Docbook 4.X

Document oriented, based on DTD

- Docbook 5.0.X

Document oriented, based on RelaxNG.

- Docbook 5.1

Introducing topics

Components

Schema.

- Docbook 4.x: DTD
- Docbook 5.x: RelaxNG

XSL style sheets.

- HTML
 - (X)HTML 5
 - Webhelp
 - Eclipse help
 - Epub
- PDF using Formatting objects

Editors

- XMLMind Editor
- Oxygen XML Author
- Emacs Nxml mode

Related exercises

Exercise 11: LaTeX hello,... world

Exercise 12: Important elements

Exercise 13: Macro

Exercise 14: A complete document