ISGS LaTeX Beginner's Workshop
LaTeX2006 - Exercise Sheet # 1

Patrick Wolf
email patrick@info.mail

December 2, 2016

Contents

Todo list

Task

Re-program the entire exercise sheet and have a look at [1] if you need any help
solving the problems at home

Task
Re-program the entire exercise sheet and have a look at [1] if you need any help
solving the problems at home

1   Nested Lists

This is a list which should be named in the index.

- Red

- Green

    1. (striped)
    2. (dotted)
       no number

    7 different number

- White[1]

In section 2, we continue with tables

---

[1]note all the white space on this page

2 RLLC-tabular

The section title does not match the table of contents...

Here is a gap of 5 cm.

Color	Fruit	Color	Clothing
Red	Pear	White	Shirt
Green	Pear	White	Shirt
Yellow	Banana	Blue	Hat

Table 1: The table uses the `booktabs` package for the rules. Additionally, a `table` environment encapsulates a `tabular` environment. The caption uses the `caption` command.

Centered	Text
Centered	Long text. Long text. Long text. Long text. Long text. Long text. Long text. Long text. Long text. Long text. Long text. Long text. Long text. Long text. Long text. Long text. Long text.
Missing text	

A reference to the 1 on page 4.

3 Advanced "Math"

3.1 Dollars & Pounds

$$\$\,1 + \pounds\,1 = ? \tag{1}$$
$$\$\,1 - \pounds\,1 = ? \tag{2}$$

Left alignment not done

3.2 Lengths

$23\,\mathrm{mm} + 0.004\,\mathrm{km} = ?$

3.3 Maths for Biologists

How much wood would a woodchuck chuck if a woodchuck would chuck wood?

4 Manual Index: Using References

We can surely say that section 3.1 is on page 4

5 How to put a Giraffe into a Refrigerator

We have found a simple solution for this age-old problem. It can best be described using the `algorithm` environment which we get using

```
\usepackage{algorithm2e}
```

in the preamble
```
\usepackage{algorithm2e}
```

1 Open Door;
2 while *Giraffe not Inside* **do**
3   **if** *Still power* **then**
4   Push;
5   **else**
6   Rest some time ;
7   **end**
8 end
9 Close Door;

Algorithm 1: Putting a Giraffe into the Fridge

Another reference, it points to algorithm 1. Did you notice that the numbers adopt to the content?

6 Emphasizing Things

With the command \emph... you can *emphasize* a word. Its appearance depends–of course–on the currently selected document class and style. *If the text itself was slanted*, the emphasized words would appear upright!

6.1 Some Fonts

There are huge and ₜᵢₙy fonts. For instance, text may be **bold** or *italic*. It might also have another font family like Roman Family or Sans Serif Family.

adding indent here

7 Quotes

This is a quotation.

> LaTeX (pronounced either Lah-tech or Lay-tech) is a macro package based on TeX created by Leslie Lamport [[2], page 6].

Have a look at the bibligraphy. There seems to be an item which was not cited within this document.

Removing indent here

8 Commands

A new defined command \smileyitem generates a list entry with a smiley icon

Example
The command \smileyitem used within an itemize or enumerate environment looks like:

:-) This is a smiley item ...

- and this not

References

[1] W. LaTeX. "https://en.wikibooks.org/wiki/LaTeX", 2015. last accessd on November 21, 2015.

[2] A. Einstein, "Zur Elektrodynamik bewegter Körper. (German) [On the electrodynamics of moving bodies]," *Annalen der Physik*, vol. 322, no. 10, pp. 891–921, 1905.

Incomplete reference, not cite -¿ not appear in the reference; How to put URL on ref

Index