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Part I

TODO

- check how to write a tilde and update the list of 'Special Characters'
- how to use maketitle, 'Preamble Commands. \maketitle.'
- \setcounter
- crossreferences \ref an \label
- KOMA script

Part II

Preamble Commands

0.1 `\documentclassbook, article...`

0.2 `\usepackage...`

0.3 `\maketitle`

Part III

Text Formatting

Chapter 1

Lists

1.1 Bullet

```
\begin{itemized}
  \item
  ...
\end{itemized}
```

1.2 Numbered

```
\begin{enumerate}
  \item content...
\end{enumerate}
```

Part IV

no-title

Chapter 2

Text Layout

2.1 Tabulators

2.1.1 tabto

```
\usepackage{tabto}  
...  
left \tab right
```

produces:

left right

2.2 paragraph

- can be done by making an empty line:

bla bla

bla bla

1st paragraph. alalala alalala alalala lalalala lalalalala alalalal alalala alalala
alalala alalal alalala .

2nd paragraph alalala alalala alalala alalala alalala

2.3 arguments

Two types:

- **mandatory**

- enclosed within a pair of **curly brackets**.

– each argument is between a separate pair of brackets.

- **optional**
all enclosed within a pair of single pair of square brackets.

2.4 An Empty Space after no-arg Commands

No-arg commands 'consume' empty spaces that follow. to avoid it"

- add empty argument list - {}, or
- put inside curly brackets

```
\LaTeX{} {\LaTeX} \LaTeX
```

outputs:

```
LATEX LATEX LATEX,
```

```
\LaTeX \LaTeX
```

outputs no space between:

```
LATEXLATEX
```

2.5 Special Characters

- | | |
|------|-----------------------------|
| • # | <code>\#</code> |
| • \$ | <code>\\$</code> |
| • % | <code>\%</code> |
| • ^ | <code>\^ { }</code> |
| • & | <code>\&</code> |
| • - | <code>\-</code> |
| • { | <code>\{</code> |
| • } | <code>\}</code> |
| • ~ | <code>\~ { }</code> |
| • \ | <code>\textbackslash</code> |

Part V

Environments

Chapter 3

Page Layouts

3.1 quote

```
\begin{quote}
  This is a quote. This is a quote. This is a quote. This is a quote. ...
  This is a quote. This is a quote. This is a quote. This is a quote.
\end{quote}
```

... adds extra space to both margins:

A quote follows:

```

  This is a quote. This is a quote. This is a quote. This is a quote.
  This is a quote. This is a quote. This is a quote. This is a quote.
  This is a quote. This is a quote. This is a quote. This is a quote.
  This is a quote. This is a quote. This is a quote.
```