Latex documents

```
\documentclass [options] {class}
```

(seperated by a comma)

10pt, 11pt, 12pt

a4paper, letterpaper

titlepage, notitlepage

article
report → thesis
book

To add extra packages:

```
\usepackage {amsmath}
```

```
\usepackage {amsfonts}
```

```
\usepackage {graphicx}
```

These go in the preamble

← For including figures

Also in the preamble we had

```
\title { }
\author { }
\date {\today}
```

The 'actual' document starts and ends with

```
\begin {document}
\maketitle
```
                    (generates the title)

```
\end {document}
```
                    ← after this latex will ignore everything

We can create a table of contents

\tableofcontents

\	begins a command
$	switches to math mode
{ }	unless with a command latex ignores these
&	alignment operator
%	begins a comment

Some useful commands to begin with are

\newline   equivalent to   \\
\section {Name of the section}
\subsection { ...}
\chapter { ... }

\label { label }   and   \ref { label }

to use the special characters as 'normal characters'
we can use

\$
\%
\&