

## Introduction to Computer Science E13 – Lab – Week 37

Meet in IMADA's terminal room with your login information. Work in groups of size 2 (maybe some of size 3). This lab is about LaTeX. Look at the notes written by Torben Nielsen and Arun Vadiveal on LaTeX on the homepage for the course: <http://imada.sdu.dk/~joan/intro/latexbook.pdf> There are also other useful links about LaTeX available on the course's homepage.

Create a document. Make sure you include something in math mode, such as  $b^{\log_b(x)} = x$ . Include the LaTeX code for the document in the document. Also include some PDF file in the final document.

To include the LaTeX code for your document, you can use the statement `\include{copy}`. Then copy your LaTeX code to the file, `copy.pdf`, put `\begin{verbatim}` at the beginning of that file and `\end{verbatim}` at the end. Check in your output that long lines are broken so they appear correctly.

PDF files can be included either by using the package `graphicx` or `pdfpages`. If you have included the package `pdfpages`, you can include, for example, pages 1 and 2 of the file `file.pdf` using the following:

```
\includepdf [pages={1,2}]{file.pdf}.
```

```

\documentclass[12pt]{article}
\usepackage{hyperref}
\begin{document}
\parindent 0em
\parskip .5ex
\itemsep -0.5ex
\parsep 0em

\begin{tabular}{@{}l}
Institut for Matematik og Datalogi \\
Syddansk Universitet
\end{tabular}
\hfill
\begin{tabular}{r@{}}
\today{} \\
JFB
\end{tabular}

\vspace{2ex}
\begin{center}{\LARGE Introduction to Computer Science\ E13 -- Lab -- Week 37}\end{center}

\vspace{1ex}

```

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[{http://imada.sdu.dk/\\$\sim\\$joan/intro/latexbook.ps}](http://imada.sdu.dk/$\sim$joan/intro/latexbook.ps)  
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statement `\texttt{\textbackslash include\{copy\}}`. Then copy your LaTeX code to the file, `\texttt{copy.pdf}`, put `\texttt{\textbackslash begin\{verbatim\}}` at the beginning of that file and `\texttt{\textbackslash end\{verbatim\}}` at the end. Check in your output that long lines are broken so they appear correctly.

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```
\begin{center}
\texttt{\textbackslash includepdf[pages=\{1,2\}]\{file.pdf\}}.
\end{center}
```

```
\include{copy}
```

```
\end{document}
```