

## Example for lastpage

This example demonstrates the use of package `lastpage`, v1.2n as of 2021/09/03 (HMM; JPG).  
The package takes no options.  
For more details please see the documentation!

`keys`

To hide the `\keys` use option `final` instead of `draft` with the `showkeys` package (or remove the package call from the preamble of this document).

**Hyperlinks or not:** If the `hyperref` package is loaded, the references are also hyperlinked:

Last page's name (LastPage): [\LastPage](#)

If the `hyperref` package is loaded, but the hyperlinks of the references shall be suppressed, `\pageref*{...}` can be used:

Last page's name (LastPage): IV

**Trademarks** appear throughout this example without any trademark symbol; they are the property of their respective trademark owner. There is no intention of infringement; the usage is to the benefit of the trademark owner.

**Tip:** Use *logical page numbers* for the display of the pdf (in Adobe Reader DC 2021.005.20060: Edit > Preferences > Categories: Page Display > Page Content and Information: Use logical page numbers)!

If you are more ambitious in respect to your aims with this package, you might want to have a look at the `pageslts` package:  
<https://www.ctan.org/pkg/pageslts>.

Save per page about 200 ml water, 2 g CO<sub>2</sub> and 2 g wood:  
Therefore please print only if this is really necessary.  
I do NOT think, that it is necessary to print THIS file, really  
(at least not after this page)!

The page (`\thepage`): I

Last page's name (LastPage): [\LastPage](#)

The page (`\thepage`): II

Last page's name (`LastPage`): ~~IV~~<sup>`LastPage`</sup>

The page (`\thepage`): III

Last page's name (`LastPage`): ~~IV~~<sup>`LastPage`</sup>

## The End

The page (`\thepage`): IV

Last page's name (`LastPage`): IV

There was the question:

```
\documentclass{article}
\usepackage{hyperref}
\usepackage{lastpage}
\begin{document}
\ifnum\thepage=\pageref{LastPage} foo \else bar \fi
\end{document}
```

producing the error “missing number, treated as zero”.

`\pageref` inserts a hyperlink, `\pageref{LastPage}` is not expandable and the code breaks.

The code does not generally work even without `hyperref`.

```
\documentclass{article}
\usepackage{hyperref}
\usepackage{lastpage}
\pagenumbering{Roman}
\begin{document}
\addtocounter{page}{8}
\edef\here{\thepage}
\makeatletter
\ifx\here\lastpage@lastpage\relax foo \else bar \fi
\makeatother
\end{document}
```

does work, because `\lastpage@lastpage` contains the name of the page, example:

Page `\thepage{}` is page `\makeatletter\lastpage@lastpage\makeatother`.

prints:

Page IV is page IV.

This can be broken for example by `\pagenumbering{fnsymbol}`.