LATEX Workshop

HEADER AND FOOTER FORMATTING LATEX

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Date: 2018/08/24

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Overview

1. Header
2. Reference
3. Page Numbering
Header
To customize the footer and header in your document use \usepackage{fancyhdr} in your preamble of your document.

After that put \pagestyle{fancy} to set default fancy page style.

\fancyhf{} clears any predefined header and footer control.

\rhead{text} right side of the header.

\lhead{text} left side of the header.

Similarly one can define \chead{text}, \lfoot{text}, \rfoot{text}, etc.

\rfoot{Page \thepage} : \thepage the represent corresponding page number.
There are very good ways to define header and footer in two-sided documents. Try the following code:

```latex
\usepackage{fancyhdr}
\pagestyle{fancy}
\fancyhf{}
\fancyhead[LE,RO]{Share\LaTeX}
\fancyhead[RE,LO]{Guides and tutorials}
\fancyfoot[CE,CO]{\leftmark}
\fancyfoot[LE,RO]{\thepage}
```
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- E: for Even side Page
- O: for Odd side Page
- R: for Right Side
- L: for left Side
- C: for center
There are other option available like \texttt{7}

- \texttt{\thepage}: adds number of the current page
- \texttt{\thechapter}: adds number of the current Chapter
- \texttt{\thesection}: adds number of the current section
- \texttt{\chaptername}: adds name of the current chapter
- \texttt{\rightmark}: Adds name and number of the current top-level structure (for example, \texttt{Chapter} for reports and books classes; \texttt{Section} for articles)
REFERENCE
- The \texttt{hyperref} package creates hyperlinks within the document by making \textit{references} and \textit{citations} clickable.

- \texttt{\usepackage{hyperref}} use in preamble of your document.

- \texttt{\hypersetup{opt1, opt2}} enables more manual control.

Some options are following which can be used in \texttt{\hypersetup}

\begin{itemize}
  \item \texttt{\colorlinks=true} Links will be coloured, (default colour is red)
  \item \texttt{\linkcolor=blue} Internal links, those generated by cross-referenced elements, are displayed in blue.
  \item \texttt{\filecolor=magenta} Links to local files will be shown in magenta colour.
  \item \texttt{\urlcolor=cyan} Links to web sites are set to cyan colour.
\end{itemize}
\url{http://www.iitg.ac.in} using this you will see http://www.iitg.ac.in in your document but if you click that word it will open http://www.iitg.ac.in in your browser.

There are many other option available under \texttt{hypersetup}. (See \texttt{hyperref} manual)
\url{http://www.iitg.ac.in} using this you will see http://www.iitg.ac.in in your document but if you click that word it will open http://www.iitg.ac.in in your browser.

\href{http://www.iitg.ac.in}{Something Linky} using this you will see only Something Linky in your document but if you click that word it will open in your browser.

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Page Numbering
- \texttt{\tableofcontents} will automatically create Sections, subsections and chapters are included in the table of contents.

\texttt{\renewcommand*{\contentsname}{Summary}} will write \texttt{Summary} instead of the default name \texttt{Table of Contents}.
\tableofcontents will automatically create Sections, subsections and chapters are included in the table of contents.

You can also include manually entry by
\addcontentsline{toc}{section}{Unnumbered Section}

\renewcommand*{\contentsname}{Summary} will write Summary instead of the default name Table of Contents.
THANK YOU