# Task to be performed

Create a document that multiple pages with different page-styles.

# 1 Introduction

The information displayed in the footer and the header of a document depends on the page style currently active, these page styles are more notorious in the book document class. The command \pagestyleheadings sets the page style called headings to the current document.

```
\documentclass[a4paper,12pt,twoside]{book}
\usepackage[english]{babel}
\usepackage[utf8]{inputenc}
\pagestyle{headings}
\begin{document}
\end{document}
```

There are other three page styles:

**empty** Both header and footer are cleared

**plain** Header is clear, but the footer contains the page number in the center.

**headings** Footer is blank, header displays information according to document class (e.g., section name) and page number top right.

**myheadings** Page number is top right, and it is possible to control the rest of the header. there is an exception for the first page of each chapter, where the footer contains centred page number while the header is blank.

# 2 Changing Style of Single Page

Sometimes is convenient to specify the page style only for the current page. For instance, to leave a intentionally blank page or to remove the header and footer from the current chapter page:

```
\chapter{Sample Chapter}
\thispagestyle{empty}

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