



**I** This is an example of the section command defined below and, what's more, this is an example of the section command defined below

```
\titleformat{\section}[block]
{\normalfont\bfseries\filcenter}{\fbox{\itshape\thesection}}{1em}{}
```



SECTION 2

## A framed title

```
\titleformat{\section}[frame]
{\normalfont}
{\filright
\footnotesize
\enspace SECTION \thesection\enspace}
{8pt}
{\Large\bfseries\filcenter}
```



---

### 3. A Ruled Title

```
\titleformat{\section}
{\titlerule
\vspace{.8ex}%
\normalfont\itshape}
{\thesection.}{.5em}{}
```



4

---

### Another Ruled Title

```
\titleformat{\section}[block]
{\normalfont\sffamily}
{\thesection}{.5em}{\titlerule\ [.8ex]\bfseries}
```



.....

5 The length of the "rule" above is that of the longest line in this title increased by two picas

.....

6 This one is shorter

```
\titleformat{\section}[block]
{\filcenter\large
\addtolength{\titlewidth}{2pc}%
\titleline*[c]{\titlerule* [.6pc]{\tiny\textbullet}}%
\addvspace{6pt}%
\normalfont\sffamily}
{\thesection}{1em}{}
\titlespacing{\section}
{5pc}{*2}{*2}[5pc]
```



This is an example of the section command defined below and, what's more, this is an example of the section command defined below. Let us repeat it. This is an example of the section command defined below and, what's more, this is an example of the section command defined below

```
\titleformat{\section}[display]
  {\normalfont\fillast}
  {\scshape section \oldstylenums{\thesection}}
  {1ex minus .1ex}
  {\small}
\titlespacing{\section}
  {3pc}{*3}{*2}[3pc]
```

■

THIS PART IS THE TITLE ITSELF and this part is the section body...

```
\titleformat{\section}[runin]
  {\normalfont\scshape}
  {}{0pt}{}
\titlespacing{\section}
  {\parindent}{*2}{\wordsep}
```

■

**8. A Simple Example of the “wrap” Section Shape** Which is followed by some text to show the result. Which is followed by some text to show the result. Which is followed by some text to show the result. Which is followed by some text to show the result. Which is followed by some text to show the result. Which is followed by some text to show the result. Which is followed by some text to show the result. Which is followed by some text to show the result.

**9. And another** Note how the text wraps the title and the space reserved to it is readjusted automatically. And that is followed by some text to show the result. Which is followed by some text to show the result. Which is followed by some text to show the result. Which is followed by some text to show the result.

```
\titleformat{\section}[wrap]
  {\normalfont\fontseries{b}\selectfont\filright}
  {\thesection.}{.5em}{}
\titlespacing{\section}
  {12pc}{1.5ex plus .1ex minus .2ex}{1pc}
```

■

**Example of margin section** Which is followed by some text to show the result. But don't stop reading, because the following example illustrates how to take advantage of other packages. The last command in the last argument can take an argument, which is the title with no additional command inside it. We just give the code, but you may try it by yourself. Thus, with the soul package you may say

```
\newcommand{\secformat}[1]{\MakeLowercase{\so{#1}}}
  % \so spaces out letters
\titleformat{\section}[block]
  {\normalfont\scshape\filcenter}
  {\thesection}
  {1em}
  {\secformat}
```

The margin title above was defined:

```
\titleformat{\section}[leftmargin]
  {\normalfont
```

```

\titlerule*{.6em}{\bfseries.}%
\vspace{6pt}%
\sffamily\bfseries\filleft}
{\thesection}{.5em}{
\titlespacing{\section}
{4pc}{1.5ex plus .1ex minus .2ex}{1pc}

```

■

The following examples are intended for chapters. However, this document lacks of `\chapter` and are showed using `\sections` with slight changes.

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## CHAPTER 10

---

# The Title

```

\titleformat{\chapter}[display]
{\normalfont\Large\filcenter\sffamily}
{\titlerule[1pt]%
\vspace{1pt}%
\titlerule
\vspace{1pc}%
\LARGE\MakeUppercase{\chaptertitlename} \thechapter}
{1pc}
{\titlerule
\vspace{1pc}%
\Huge}

```

■

## CHAPTER XI

---

# The Title

---

```

\renewcommand{\thechapter}{\Roman{chapter}}
\titleformat{\chapter}[display]
{\bfseries\Large}
{\filleft\MakeUppercase{\chaptertitlename} \Huge\thechapter}
{4ex}
{\titlerule
\vspace{2ex}%
\filright}
[\vspace{2ex}%
\titlerule]

```