1.左右盒子 – 左右模式，多余内容溢出右侧，不进行换行.
内容不能包含\verb等抄录指令/环境
\mbox{content}
   无边框盒子

\fbox{content}
   边框盒子

\makebox[width][position]{content}
   无边框盒子，可指定盒子宽度/内容在盒子中的水平
    位置

\framebox[width][position]{content}
   边框盒子，可指定盒子宽度/内容在盒子中的水平位
    置

\raisebox{offset}[height][depth]{content}
   上下垂直移动的盒子，可指定基线位置/高度/深度

\doublebox{content}
   双边框盒子，包含在fancybox宏包中

\ovalbox{content}
   圆角边框盒子，包含在fancybox宏包中

\shadowbox{content}
   带阴影边框盒子，包含在fancybox宏包中

2.段落盒子 – 按段落处理的盒子，内容可换行/分段落
\parbox[outer_position][height][inner_position]{width
  }{content}
   段落盒子. 不能使用\verb等抄录命令

```
\begin{minipage}[outer_position][height][
    inner_position]{width}
...
\end{minipage}
```

段落盒子

一、Demo(示例)01 − makebox

this is first line

prefixthis is second line

$$a^2 + b^2 = c^2(勾股定理)$$

$$a^2 + b^2 = c^2(勾股定理)$$

Thế Thanánh

源代码:

```
\documentclass[UTF8,fontset=ubuntu]{ctexart}
\begin{document}
\noindent this is first line\\
\makebox[0pt][r]{prefix}this is second line\\
\[a^2+b^2=c^2\makebox{(勾股定理)}\]
\[a^2+b^2=c^2\makebox[0pt][l]{(勾股定理)}\]
Th\^e\makebox[0pt][r]{\raisebox{0.5ex}{\'{}}} Than\'
    anh
\end{document}
```

内容讲解

`\makebox[width][position]{content}`

无边框盒子, 可指定盒子宽度/内容在盒子中的水平位置. 参数如下:

width − 盒子的宽度, 参数类型列表:

$\langle N \rangle$ — 直接指定带单位的盒子宽度

\width — 盒子内容的规划宽度

\textwidth — 当前页的宽度

position — 内容相对盒子的位置. 列表如下:

l — 左对齐

c — 居中

r — 右对齐

s — 伸展平铺

二、Demo(示例)02 — framebox

this is first line

prefix this is second line

源代码:

```
\documentclass{article}
\begin{document}
\setlength{\fboxrule}{2pt}
\setlength{\fboxsep}{5pt}
\noindent this is first line\\
\makebox[0pt][r]{\framebox{prefix}}this is second line
 \\
\end{document}
```

内容讲解

1.\framebox[width][position]{content}

边框盒子, 可指定盒子宽度/内容在盒子中的水平位置. 参数如下:

width — 盒子的宽度, 参数类型列表:

$\langle N \rangle$ — 直接指定带单位的盒子宽度

\width — 盒子内容的规划宽度

\textwidth — 当前页的宽度

position — 内容相对盒子的位置. 列表如下:

l — 左对齐

c — 居中

r — 右对齐

s — 伸展平铺

2. \setlength{\fboxrule}{2pt}设置边框的线条宽度，默认为 0.4pt

3. \setlength{\fboxsep}{5pt}设置边框与内容的距离，默认为3pt

三、Demo(示例)03 — raisebox

Alice was beginning to get very tired of sitting by her sister on the bank, and of $\quad$ having $\quad$ nothing to do. $\quad$ Once $\quad$ or twice she had peeped into the book her sister was reading, $\quad$ but $\quad$ it had $\quad$ no $\quad$ pictures or conversations in it, "and

what is the use of a book," thought Alice

"without pictures or conversations?"

源代码:

```
\documentclass{article}
\begin{document}
Alice was beginning to get very tired of sitting by
    her sister on the
bank, and of \raisebox{2ex}{having} nothing to do. \
    raisebox{-2ex}{Once} or twice she had peeped into
    the
book her sister was reading, \raisebox{3ex}[5ex][10ex
```

```
]{but} it had \raisebox{−3ex}[5ex][10ex]{no}
    pictures or conversations in
it, "and what is the use of a book," thought Alice\\
"without pictures or conversations?"
\end{document}
```

内容讲解
```
\raisebox{offset}[height][depth]{content}
```
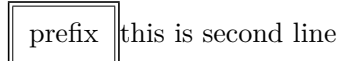   上下垂直移动的盒子, 可指定基线位置/高度/深度

四、Demo(示例)04 − doublebox/ovalbox/shadowbox(
    fancybox宏包)

this is first line

<u>prefix</u> this is second line

源代码:
```
\documentclass{article}
\usepackage{fancybox}
\begin{document}
\setlength{\fboxrule}{0.4pt}
\setlength{\fboxsep}{6pt}
\setlength{\shadowsize}{8pt}
\noindent this is first line\\
\doublebox{prefix}this is second line\\
\end{document}
```

内容讲解
1.\doublebox{content}为双边框盒子, 内边框宽度为0.75*\
    fboxrule,
外边框宽度为1.5*\fboxrule, 边框之间空隙为1.5\fboxrule
    plus 0.5pt

2. \ovalbox{content}为圆角边框盒子，圆角取长宽之中短的边作为初始直径l

3. \cornersize{factor}设置圆角边框盒子的直径系数，直径结果为factor*l,

默认系数为0.5

4. \cornersize*{diameter}直接设置圆角边框盒子的直径长

5. \shadowbox{content}为带阴影边框盒子，边框宽度为\fboxrule

6. \setlength{\shadowsize}{8pt}用于设置阴影边框的阴影宽度，默认为4pt

五、Demo(示例)05 − parbox

Alice was beginning to get very tired of sitting by her sister on the bank, and of having nothing to do. Once or twice she had peeped into the book her sister was reading, but it had no pictures or conversations in it, "and what is the use of a book," thought Alice

So she was considering in her own mind (as well as she could, for the day made her feel very sleepy and stupid), whether the pleasure of making a daisy-chain would be worth the trouble of getting up and picking the daisies, when suddenly a White Rabbit with pink eyes ran close by her.

"without pictures or conversations?" There was nothing so very remarkable in that, nor did Alice think it so very much out of the way to hear the Rabbit say to itself, "Oh dear! Oh dear! I shall be too late!" But when the Rabbit actually took a watch out of its waistcoat-pocket and looked at it and then hurried on, Alice started to her feet, for it flashed across her mind that she had never before seen a rabbit with either a waistcoat-pocket, or a watch to take out of it, and, burning with curiosity, she ran across the field after it and was just in time to see it pop down a large rabbit-hole, under the hedge. In another moment, down went Alice after it!

源代码:

```
\documentclass{article}
\usepackage{fancybox}
\begin{document}
Alice was beginning to get very tired of sitting by
    her sister on the
```

bank, and of having nothing to do. Once or twice she
    had peeped into the
book her sister was reading, but it had no pictures or
        conversations in
it, "and what is the use of a book," thought Alice\\
"without pictures or
conversations?"
\shadowbox{\parbox[b][60ex][s]{20ex}
{\baselineskip=12pt plus 2pt So she was considering in
      her own mind (as well as she could, for the
day made her feel very sleepy and stupid), whether the
      pleasure of
making a daisy−chain would be worth the trouble of
    getting up and
picking the daisies, when suddenly a White Rabbit with
      pink eyes ran
close by her.
}}
There was nothing so very remarkable in that, nor did
    Alice think it so
very much out of the way to hear the Rabbit say to
    itself, "Oh dear! Oh
dear! I shall be too late!" But when the Rabbit
    actually took a watch
out of its waistcoat−pocket and looked at it and then
    hurried on, Alice
started to her feet, for it flashed across her mind
    that she had never
before seen a rabbit with either a waistcoat−pocket,
    or a watch to take
out of it, and, burning with curiosity, she ran across
      the field after
it and was just in time to see it pop down a large

rabbit$-$hole，under

the hedge．In another moment，down went Alice after it
！

\end{document}

内容讲解

1．\parbox[outer_position][height][inner_position]{
width}{content}
段落盒子．内容不能使用抄录命令．参数列表如下：
outer_position $-$ 盒子与外部文本的垂直
对齐方式．可选参数：
t $-$ 盒子顶部与外部文本对齐
c $-$ 盒子垂直中间与外部文本对齐
．默认
b $-$ 盒子底部与外部文本对齐
height $-$ 指定盒子的高度．未指定时，根
据内容行数变化
inner_position $-$ 当盒子高度大于内容时(
手动指定高度)，
内容与边框的垂直对齐方式．列表如下：
t $-$ 内容与边框顶部对齐
c $-$ 内容与边框垂直中部对齐
b $-$ 内容与边框底部对齐．默认
s $-$ 内容垂直分散填充满边框高度
．该值需要在环境中插入弹性
行距指令，
如：\baselineskip=12pt plus 2pt
width $-$ 盒子的宽度，参数类型列表：
<N> $-$ 直接指定带单位的盒子宽度
\textwidth $-$ 当前页的宽度

2．可将\parbox嵌入\framebox或其他边框指令中，给段落盒子
添加边框

六、Demo(示例)06 — minipage

Alice was beginning to get very tired of sitting by her sister on the bank, and of having nothing to do. Once or twice she had peeped into the book her sister was reading, but it had no pictures or conversations in it, "and what is the use of a book," thought Alice

> So she was considering in her own mind (as well as she could, for the day made her feel very sleepy and stupid), whether the pleasure of making a daisy-chain would be worth the trouble of getting up and picking the daisies, when suddenly a White Rabbit with pink eyes ran close by her.

"without pictures or conversations?" There was nothing so very remarkable in that, nor did Alice think it so very much out of the way to hear the Rabbit say to itself, "Oh dear! Oh dear! I shall be too late!" But when the Rabbit actually took a watch out of its waistcoat-pocket and looked at it and then hurried on, Alice started to her feet, for it flashed across her mind that she had never before seen a rabbit with either a waistcoat-pocket, or a watch to take out of it, and, burning with curiosity, she ran across the field after it and was just in time to see it pop down a large rabbit-hole, under the hedge. In another moment, down went Alice after it!

源代码:

```
\documentclass{article}
\usepackage{fancybox}
\begin{document}
Alice was beginning to get very tired of sitting by
    her sister on the
bank, and of having nothing to do. Once or twice she
    had peeped into the
book her sister was reading, but it had no pictures or
    conversations in
it, "and what is the use of a book," thought Alice\\
"without pictures or
conversations?"
\shadowbox{\begin{minipage}[b][60ex][s]{20ex}
\baselineskip=12pt plus 2pt So she was considering in
    her own mind (as well as she could, for the
day made her feel very sleepy and stupid), whether the
    pleasure of
making a daisy-chain would be worth the trouble of
    getting up and
picking the daisies, when suddenly a White Rabbit with
    pink eyes ran
close by her.
\end{minipage}}
There was nothing so very remarkable in that, nor did
    Alice think it so
very much out of the way to hear the Rabbit say to
    itself, "Oh dear! Oh
dear! I shall be too late!" But when the Rabbit
    actually took a watch
out of its waistcoat-pocket and looked at it and then
    hurried on, Alice
started to her feet, for it flashed across her mind
    that she had never
```

before seen a rabbit with either a waistcoat−pocket ,
    or a watch to take

out of it , and , burning with curiosity , she ran across
    the field after

it and was just in time to see it pop down a large
    rabbit−hole , under

the hedge . In another moment , down went Alice after it
    !

\end{document}

内容讲解

1.\begin{minipage}[outer_position][height][
    inner_position]{width}

...

\end{minipage}

段落盒子. 参数如下 :

outer_position − 盒子与外部文本的垂直
    对齐方式. 可选参数 :

t − 盒子顶部与外部文本对齐

c − 盒子垂直中间与外部文本对齐
    . 默认

b − 盒子底部与外部文本对齐

height − 指定盒子的高度. 未指定时, 根
    据内容行数变化

inner_position − 当盒子高度大于内容时(
    手动指定高度) ,

内容与边框的垂直对齐方式. 列表如下 :

t − 内容与边框顶部对齐

c − 内容与边框垂直中部对齐

b − 内容与边框底部对齐. 默认

s − 内容垂直分散填充满边框高度
    . 该值需要在环境中插入弹性
    行距指令 ,

如：\baselineskip=12pt plus 2pt

width − 盒子的宽度，参数类型列表：

<N> − 直接指定带单位的盒子宽度

\textwidth − 当前页的宽度

2. 可将 minipage 环境内嵌在 \framebox 等边框盒子中，给段落内容增加边框

七、Demo(示例)06 − boxedminipage(在 boxedminipage 宏包中)

Alice was beginning to get very tired of sitting by her sister on the bank, and of having nothing to do. Once or twice she had peeped into the book her sister was reading, but it had no pictures or conversations in it, "and what is the use of a book," thought Alice

> So she was considering in her own mind (as well as she could, for the day made her feel very sleepy and stupid), whether the pleasure of making a daisy-chain would be worth the trouble of getting up and picking the daisies, when suddenly a White Rabbit with pink eyes ran close by her.

"without pictures or conversations?" There was nothing so very remarkable in that, nor did Alice think it so very much out of the way to hear the Rabbit say to itself, "Oh dear! Oh dear! I shall be too late!" But when the Rabbit actually took a watch out of its waistcoat-

pocket and looked at it and then hurried on, Alice started to her feet, for it flashed across her mind that she had never before seen a rabbit with either a waistcoat-pocket, or a watch to take out of it, and, burning with curiosity, she ran across the field after it and was just in time to see it pop down a large rabbit-hole, under the hedge. In another moment, down went Alice after it!

源代码:

```
\documentclass{article}
\usepackage{fancybox}
\begin{document}
Alice was beginning to get very tired of sitting by
    her sister on the
bank, and of having nothing to do. Once or twice she
    had peeped into the
book her sister was reading, but it had no pictures or
    conversations in
it, "and what is the use of a book," thought Alice\\
"without pictures or
conversations?"
\begin{boxedminipage}[b]{20ex}
\baselineskip=12pt plus 2pt So she was considering in
    her own mind (as well as she could, for the
day made her feel very sleepy and stupid), whether the
    pleasure of
making a daisy-chain would be worth the trouble of
    getting up and
picking the daisies, when suddenly a White Rabbit with
    pink eyes ran
close by her.
\end{boxedminipage}
There was nothing so very remarkable in that, nor did
    Alice think it so
very much out of the way to hear the Rabbit say to
```

itself , "Oh dear! Oh

dear! I shall be too late!" But when the Rabbit
    actually took a watch

out of its waistcoat−pocket and looked at it and then
    hurried on , Alice

started to her feet , for it flashed across her mind
    that she had never

before seen a rabbit with either a waistcoat−pocket ,
    or a watch to take

out of it , and , burning with curiosity , she ran across
    the field after

it and was just in time to see it pop down a large
    rabbit−hole , under

the hedge. In another moment, down went Alice after it
    !

\end{document}

内容讲解

1.\ begin{boxedminipage}[outer_position]{width}

...

\end{boxedminipage}

带边框的段落盒子，类似于\framebox{\begin{
minipage}...\end{minipage}}. 参数如下 :

outer_position − 盒子与外部文本的垂直
对齐方式. 可选参数 :

t − 盒子顶部与外部文本对齐

c − 盒子垂直中间与外部文本对齐
. 默认

b − 盒子底部与外部文本对齐

width − 盒子的宽度，参数类型列表 :

<N> − 直接指定带单位的盒子宽度

\textwidth − 当前页的宽度