

Setup

assignment

Setup the document as an assignment sheet.

This is the template entrypoint and is expected to be used at the top of the document like so:

```
#show: assignment.with(
  title: "A cool title",
  page-numbering: "1",
  // ...
)
```

Here you can set many options to customize the template's behavior. Some of them replace settings that you would normally use Typst's built-in functions for. For a smooth experience, prefer to set the options here.

Parameters

```
assignment(
  title: content str none,
  title-style: function,
  title-size: length,
  course: content str none,
  authors: array dictionary str none,
  tutor: content str none,
  date: datetime none,
  date-format: auto str,
  margin-left: auto length,
  margin-right: auto length,
  margin-bottom: auto length,
  margin-above-header: auto length,
  margin-below-header: auto length,
  todo-show: bool,
  todo-box: function,
  paper: str,
  page-numbering: none str function,
  header-show-title-on-first-page: bool,
  header-extra-left: content str,
  header-extra-center: content str,
  header-extra-right: content str,
  header-tutor-prefix: content str,
  header-columns: array,
  header-align: array,
  header-column-gutter: length,
  header-row-gutter: length,
  header-padding-top: length,
  header-padding-bottom: length,
  disable-page-configuration: bool,
  initial-task-number: int,
  widget-order-reversed: false,
  widget-column-gap: length,
  widget-row-gap: length,
  widget-spacing-above: length,
  widget-spacing-below: length,
  score-box-enabled: bool,
  score-box-tasks: array none,
  score-box-show-points: bool,
  score-box-bonus-counts-for-sum: bool,
  score-box-bonus-show-star: bool,
  score-box-inset: length,
  score-box-cell-width: length,
  info-box-enabled: bool,
  info-box-show-ids: bool,
```

```
info-box-show-emails: bool,  
info-box-inset: length,  
info-box-gutter: length,  
hyperlink-style: function,  
doc: content  
)
```

title content or str or none

The document's title.

Default: none

title-style function

A function that provides styling to the title.

Example:

```
#show: assignment.with(  
  title: [My *cool* title],  
  title-style: t => t,  
)
```

Default: t => underline[*#t*]

title-size length

The text size of the title.

Default: 1.6em

course content or str or none

The course title, displayed in the header.

Default: none

authors array or dictionary or str or none

The name and information of the author/s of the document.

Can be just a single author or an array of authors. An author can be just the name as string or a dictionary with the fields:

- name (mandatory)
- id (optional)
- email (optional)

Example:

```
#show assignment.with(  
  authors: (  
    (name: "John Doe", id: 123456, email: "john@doe.com"),  
    (name: "Max Mustermann", id: 761524),  
    "Bernd",  
  ),  
)
```

Default: none

tutor `content` or `str` or `none`

The name of the tutor, displayed in the header.

Default: `none`

date `datetime` or `none`

The document date, displayed in the header.

Default: `datetime.today()`

date-format `auto` or `str`

The date format that is used to display the document date.

When set to `auto`, a default value based on your document language is chosen.

Default: `auto`

margin-left `auto` or `length`

The left margin of the document. Prefer this to using `page.margin`.

Default: `1.7cm`

margin-right `auto` or `length`

The right margin of the document. Prefer this to using `page.margin`.

Default: `1.7cm`

margin-bottom `auto` or `length`

The bottom margin of the document. Prefer this to using `page.margin`.

Default: `1.7cm`

margin-above-header `auto` or `length`

The top margin of the document, taking the header into account. Prefer this to using `page.margin`.

Default: `0cm`

margin-below-header `auto` or `length`

The margin between the header and the rest of the document. Prefer this to using `page.margin`.

Default: `0cm`

todo-show `bool`

Whether to show a warning beside the title if there are any TODOs in the document.

Default: `true`

todo-box `function`

The layout for the TODO box that may be displayed in the title.

Set this using the provided `todo-box` function.

Example:

```
#show: assignment.with(
  todo-box: todo-box.with(stroke: none),
)
```

Default: `todo-box`

paper `str`

The document's paper size. Prefer this to using `page.paper`.

Default: `"a4"`

page-numbering `none` or `str` or `function`

The page numbering. Prefer this to using `page.numbering`.

Default: `"1 / 1"`

header-show-title-on-first-page `bool`

Whether to show the title in the header on the first page as well.

Default: `false`

header-extra-left `content` or `str`

Extra content that is displayed in the left header column.

Default: `none`

header-extra-center `content` or `str`

Extra content that is displayed in the center header column.

Default: `none`

header-extra-right `content` or `str`

Extra content that is displayed in the right header column.

Default: `none`

header-tutor-prefix `content` or `str`

The word that prefixes the tutor name in the header.

Default: `context.i18n.word("Tutor")`

header-columns `array`

The columns settings of the header.

This can break the entire header if you play with it carelessly.

Default: (1fr, 1.25fr, 1fr)

header-align array

The alignment of the header columns.

This can break the entire header if you play with it carelessly.

Default: (left, center, right)

header-column-gutter length

The space between the header columns.

Default: 0.5em

header-row-gutter length

The space between the header and the header line.

Default: 0.5em

header-padding-top length

The top padding of the header.

Default: 0.8cm

header-padding-bottom length

The bottom padding of the header.

Default: 1cm

disable-page-configuration bool

Whether to disable basic page settings.

Don't use this option in a normal document. It is included to use in specific settings like example rendering.

Default: false

initial-task-number int

The initial counter value that is used for task numbering.

Default: 1

widget-order-reversed false

Whether to reverse the order in which the widgets are displayed.

By default, the info box is display first and the score box second.

Default: false

widget-column-gap length

The horizontal gap between the widgets.

Default: `4em`

widget-row-gap `length`

The vertical gap between the widgets.

Default: `1em`

widget-spacing-above `length`

The padding above the widgets.

Default: `0em`

widget-spacing-below `length`

The padding below the widgets.

Default: `1em`

score-box-enabled `bool`

Whether to display the score box.

Default: `false`

score-box-tasks `array` or `none`

Set the score box task list manually.

Default: `none`

score-box-show-points `bool`

Whether to show the points per task.

Default: `true`

score-box-bonus-counts-for-sum `bool`

Whether the points of bonus tasks count into the sum.

Default: `false`

score-box-bonus-show-star `bool`

Whether to mark bonus tasks in the score box with a star.

Default: `true`

score-box-inset `length`

The `inset` value of the score box.

Default: `0.7em`

score-box-cell-width `length`

The `cell-width` value of the score box.

Default: `4.5em`

info-box-enabled `bool`

Whether to display the info box.

Default: `false`

info-box-show-ids `bool`

Whether to show the authors `id` values the info box.

Default: `true`

info-box-show-emails `bool`

Whether to show the authors `email` values the info box.

Default: `true`

info-box-inset `length`

The `inset` value of the info box.

Default: `0.7em`

info-box-gutter `length`

The `gutter` value of the info box.

Default: `1em`

hyperlink-style `function`

A function that is used to style hyperlinks created by `link`.

This does *not* have an effect on in-document links but only links that are specified using a string.

Default: `underline`

doc `content`

The document's body.