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 sepecific 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.

Utilities

appendix

Setup an appendix layout.

Use this function to turn the rest of the document into an appendix.

```
#show: appendix
```

= Blablabla
Now everything is displayed as appendix.

Parameters

```
appendix(
    title: content str none ,
    title-size: length ,
    supplement: content str function none ,
    numbering: str none ,
    body: content
) -> content
```

title   `content` or `str` or `none`

The title of the whole appendix.

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

title-size   `length`

The text size of the appendix title.

Default: `1.6em`

supplement   `content` or `str` or `function` or `none`

The supplement of the appendix sections.

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

numbering   `str` or `none`

The numbering pattern for the appendix sections.

Default: `"A.1."`

body   `content`

The appendix body itself.