Homework Template Examples

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`homework.template` is built upon the basic `template` and is designed for homework. It sacrifices some flexibility for a more specialized and convenient interface. For more information about the basic `template`, please refer to its examples.

```
let template(
  lang: "en",
  use-patch: true,
  course: "Course Name",
  number: 1,
  transform-title: auto,
  student-infos: ((name: "Student Name", id: "Student ID"),),
  team-name: none,
  body,
) = content
```

- `lang: str`, language identifier used in `set text(lang: lang)`
- `use-patch: bool | (list?: bool, enum?: bool)`
  whether to use the patch for list and/or enum, default enabled when ignored
- `course: str`, course name
- `number: int`, homework number
- `transform-title: auto | (course: str, number: int) => str`: title transformation function, default to `auto`, which generates the title as `"{course}{hw-literal} {number}"` where `hw-literal` is " Homework" in English and "作业" in Chinese
- `student-infos: array[(name: str, id: str)]`, list of student names and ids
- `team-name: str | none`: team name.
  When set to a string, the team name will be displayed in the header. This is useful when there are multiple students, since the header only handles the case that there is only one student.

In the following, each page is an example of the template with different configurations.

Math Homework 1

<div align="center">

Student

1234567890

</div>

```
#show: homework.template.with(
  course: "Math",
  number: 1,
  student-infos: ((name: "Student", id: "1234567890"),),
)
```

Math Homework 1

Student

1234567890

```
#import "@local/typreset:0.2.0": homework

#show: homework.template.with(
  course: "Math",
  number: 1,
  student-infos: ((name: "Student", id: "1234567890"),),
  team-name: "Team Name",
)
```

Math Homework 1

Student 1   Student 2
1234567890   2345678901

```
#import "@local/typreset:0.2.0": homework

#show: homework.template.with(
  course: "Math",
  number: 1,
  student-infos: (
    (name: "Student 1", id: "1234567890"),
    (name: "Student 2", id: "2345678901"),
  ),
)
```

Math Homework 1

Student 1	Student 2
1234567890	2345678901

```
#import "@local/typreset:0.2.0": homework

#show: homework.template.with(
  course: "Math",
  number: 1,
  student-infos: (
    (name: "Student 1", id: "1234567890"),
    (name: "Student 2", id: "2345678901"),
  ),
  team-name: "Team Name",
)
```

Homework 1 for Math

Student

1234567890

```
#show: homework.template.with(
  course: "Math",
  number: 1,
  student-infos: ((name: "Student", id: "1234567890"),),
  transform-title: (course, number) => "Homework " + str(number) + " for " +
course,
)
```