

The ohmyhw class

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1 Introduction

This template is designed for a fine default setting for your Homework

2 Usage

`\maketitlepage` This macro insert a titlepage.

3 Implementation

3.1 Define Options

```
1 <*cls>
2 \RequirePackage{kvoptions}
3 \SetupKeyvalOptions{
4     family=hw,
5     prefix=hw@,
6     setkeys=\kvsetkeys
7 }

    Choose the language to be English or Chinese
8 \DeclareStringOption[chinese]{language}[chinese]

    Process Options
9 \DeclareDefaultOption{\PassOptionsToClass{\CurrentOption}{ctexbook}}
10 \ProcessKeyvalOptions*
11 \newcommand\hw@validate@key[1]{%
12     \@ifundefined{hw@\csname hw@#1\endcsname true}{%
13         \ClassError{ohmyhw}{Invalid value '\csname hw@#1\endcsname'}{}
14     }{%
15         \csname hw@\csname hw@#1\endcsname true\endcsname
16     }
17 }
18 \newif\ifhw@chinese
19 \newif\ifhw@english
```

```

20 \hw@validate@key{language}
21 \LoadClass[a4paper,openany,UTF8,zihao=-4,scheme=plain]{ctexbook}
\maketitlepage This is used for generating titlepage
22 <*cls>
23 \newcommand{\maketitlepage}[1]{%
24     Hello #1\relax
25 }
26 </cls>

```