



浙江工业大学
ZHEJIANG UNIVERSITY OF TECHNOLOGY

XXXX Course Report

XXXXXX Progress Survey

College College of Computer Science

Major Computer Science and Technology

Student ID 2023XXXXXX

Name XXX

October 1, 2024

Abstract

Fill in the abstract content here

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1 Template Instructions

This template is mainly suitable for course assignments and final papers. The default page margins are 2.54cm and 3.18cm. Chinese text uses SimSun font, English text uses Times New Roman, with a font size of 12pt (small fourth size).

Compilation method: `xelatex -> bibtex -> xelatex*2`

The default template files consist of the following four parts:

- `main.tex` Main file
- `reference.bib` References, using BibTeX
- `ZJUTReportEN.sty` Document format control, including basic settings such as header, title, college, student ID, name, etc.
- `figures` Folder for storing images

For first-time use, you need to go to `ZJUTReport.sty` to set the title, name, student ID, header, etc. After setting, you can use it without further changes. The cover logo can also be replaced.

By default, it includes a cover page, and page numbering starts from the main text.

2 Some Insertion Functions

2.1 Inserting Formulas

Inline formula $v - \varepsilon + \phi = 2$.

Insert a displayed formula as in Equation 1:

$$v - \varepsilon + \phi = 2 \tag{1}$$

2.2 Inserting Images

The university library is shown in Figure 1. Note that the command `\autoref{}` is used here, which will automatically generate prefixes like "Figure" or "Equation" without manual input.

Code to insert the above image:

```
\begin{figure}[!htbp]
```



Figure 1 Zhejiang University of Technology Library

```
\centering
\includegraphics[width =.9\textwidth]{figures/zjut_library.jpeg}
\caption{Zhejiang University of Technology Library}
\label{ZJUT}
\end{figure}
```

2.3 Inserting Text Boxes

This template defines a rounded corner gray background text box, which can be used with the simplified command `\tbox{}`. If you don't like it, you can go to `ZJUTReportEN.sty` to modify it.

This is a rounded corner gray background
text box

2.4 Inserting Tables

The template files are shown in Table 1.

File Name	Description
main.tex	Main file
reference.bib	References
ZJUTReportEN.sty	Document format control
figures	Image folder

Table 1 Components of this template

2.5 Inserting Highlighted Code Blocks

Using `lstlisting` configuration:

”C++ Code”

-5

```
1 #include <iostream>
2 #include <array>
3 int main()
4 {
5     constexpr int MAX = 100;
6     std::array<int, MAX> arr;
7 }
```

”Java Code”

-5

```
1 public void addAdvertisement(String company, String
   ad_Category, String ad_Type, String ad_Price)
2 {
3     int price = Integer.parseInt(ad_Price);
4     ad = new Advertisement(company, ad_Category, ad_Type,
       price);
5     adList.add(index, ad);
6     index++;
7     anDM = getDefaultDirectoryManager();
8     ActorTuple tuple = new ActorTuple(getActorName(), "
       advertiser",
9     company, ad_Category, ad_Type, price, index-1);
```

```

10     send(anDM, "register", tuple);
11 }

```

"Python Code"

```

-5
1  import random
2  import collections
3  Card = collections.namedtuple('Card', ['rank', 'suit'])
4
5  class FrenchDeck:
6      ranks = [str(n) for n in range(2, 11)] + list('JQKA')
7      suits = 'spades diamonds clubs hearts'.split()
8
9      def __init__(self):
10         self._cards = [Card(rank, suit) for rank in self.
11                        ranks for suit in self.suits]
12
13     def __len__(self):
14         return len(self._cards)
15
16     def __getitem__(self, position):
17         return self._cards[position]
18 deck = FrenchDeck()

```

2.6 Inserting References

Simply use `\cite{}` to cite references^[1].

For example:

Here, reference^[2] is cited. Reference^[3] is also cited here.

Cited references will automatically appear in the reference section.

3 Conclusion

3.1 Release Address

- GitHub: https://github.com/ohhhyeahhh/ZJUT_Report_LaTeX_Template

References

- [1] VASWANI A, SHAZEER N, PARMAR N, et al. Attention is all you need[C]// Advances in Neural Information Processing Systems 30. Long Beach: NeurIPS Foundation, 2017: 5998-6008.
- [2] WHITE M. Isaac newton: the last sorcerer[J]. Macmillan, 1998.
- [3] ILIFFE R, SMITH G E. The cambridge companion to newton || a brief introduction to the mathematical work of isaac newton: 10.1017/CCO9781139058568[Z]. 2016: 382-420.