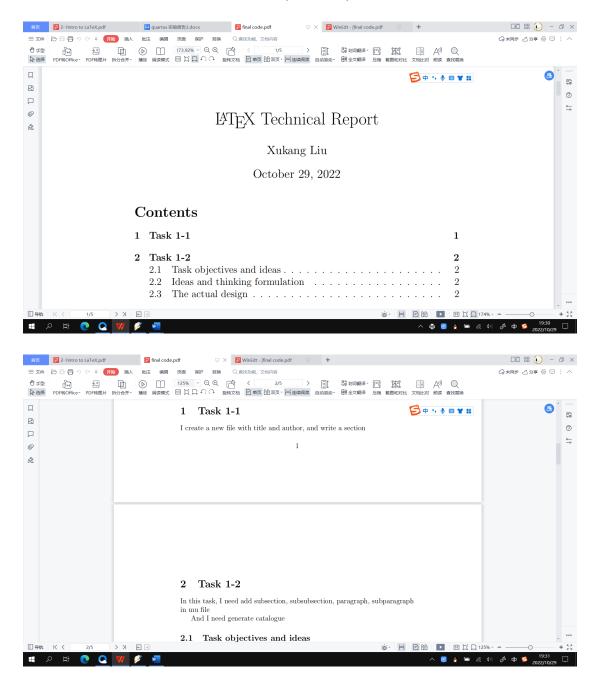


LaTeX Technical Report

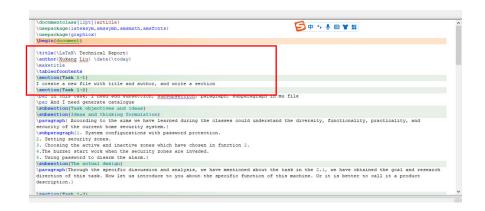
Team	Autumn, 2022
Module	EE1616 Electronics Workshop
Class	34092102
Brunel ID	2161047
CQUPT ID	2021215069
Name	Xukang Liu
Tutor	Zhipeng Wang

1. Task 1-1

This is the result: it includes title, author, and section

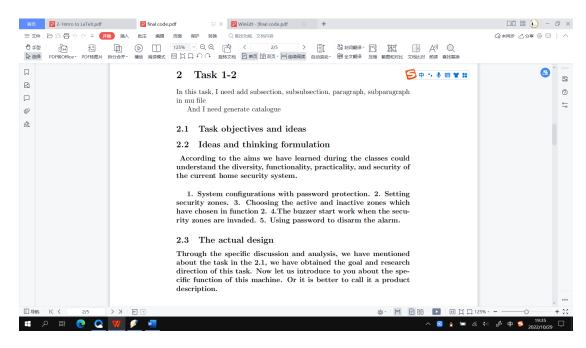


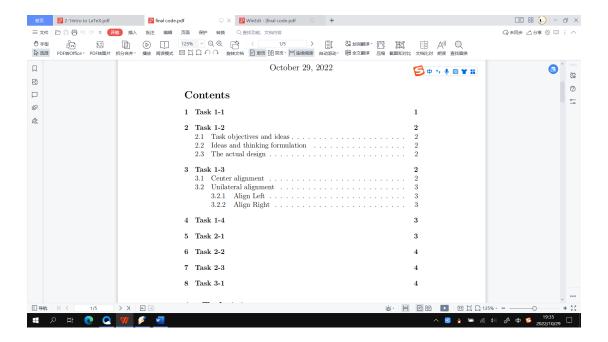
This is my code:



2. Task 1-2

This is the result: it includes subsection, subsubsection, paragraph, subparagraph. And I generate a catalogue.



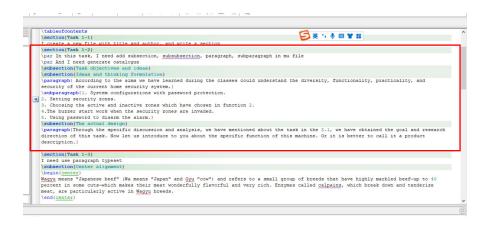


The three different section patterns. "Section" likes first level title.

"subsection" likes second level title and "subsubsection" likes third level title. There is a logical relationship between the three commands.

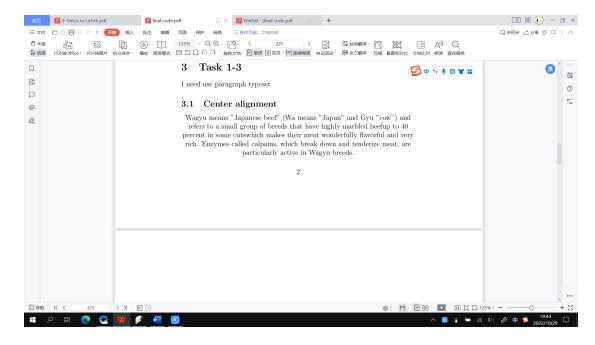
In "paragraph", the size of the letter is bigger than the text, and the font is bold.

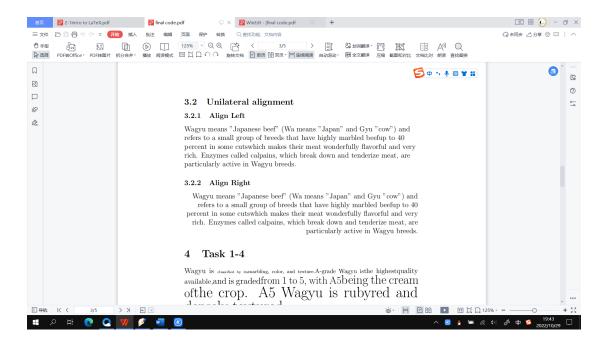
This is the code:



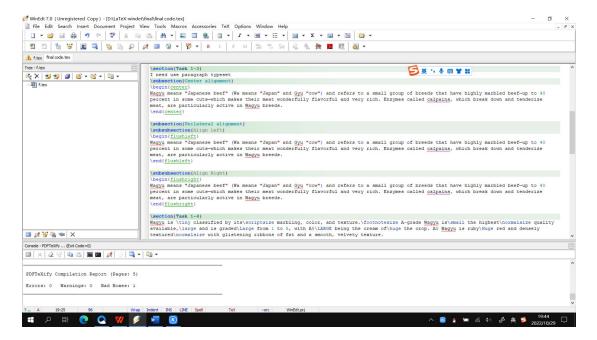
3. Task 1-3

This is my result, and the text is in different alignment.



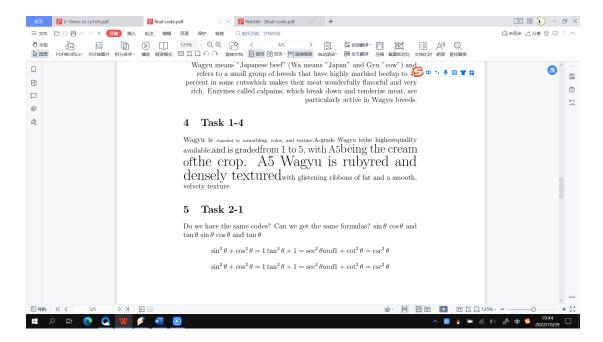


This is my code:



4. Task 1-4

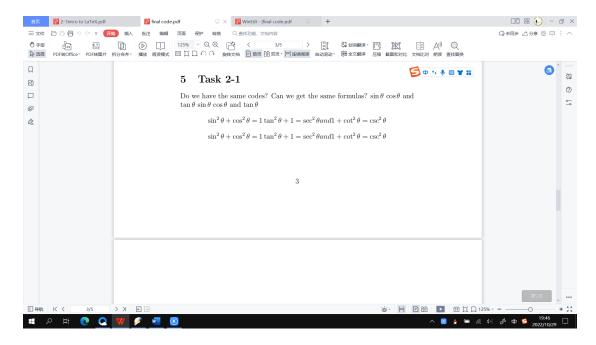
I need change the size of my document; this is the result:



This is my code:



5. Task 2-1

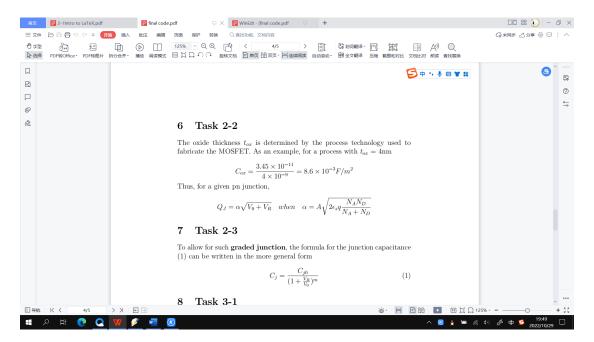


The two lines have the same formula, but they don't have same codes.

The first line uses "inline" and the second uses "display".

6. Task 2-2

This is my result:

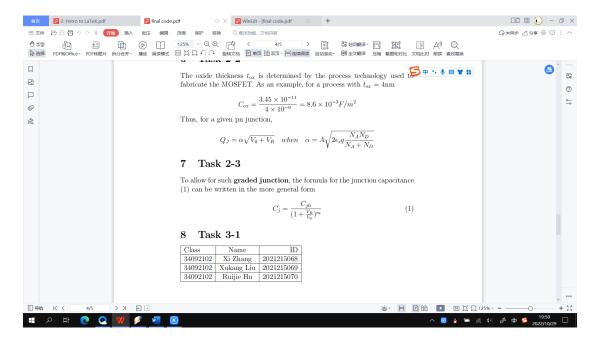


This is my codes:



7. Task 2-3

In this task, I need add equation number. This is my result:

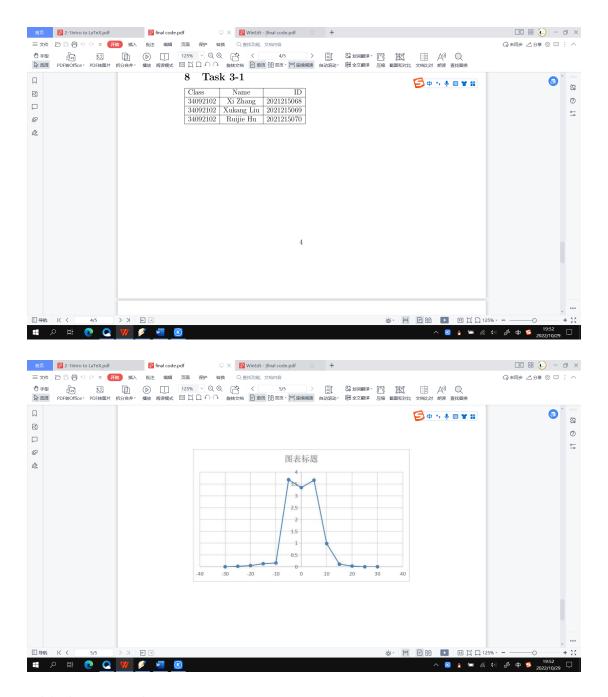


This is my codes:



8. Task 3-1

In this task, I need add table and figure. This is my result:



This is my codes:

```
\text{\( \frac{\text{equation}}{\text{}} \)
\text{\( \text{\text{lead}} \)
\text{\( \text{\text{lead}} \)
\text{\text{\text{lead}} \}
\text{\text{\text{\text{lead}} \} \}
\text{\text{\text{lead}} \}
```

Please note that my pictures are in the same folder as ". Tex"

9. Task 3-2

Finish your document, that should contains all the results of tasks from section1 and section2.

10. Conclusion

In this lecture, I familiar with "winedt", and know about what LaTeX is. With this software, I can more easily compile my documents and input mathematical formulas. This software has a very powerful character compilation ability, which can facilitate my future writing.

However, this is my first time to use the software. So, I can't skillfully apply some codes and functions in this software. After lecture, I need to spend some time to master these operations.