

Westlake University Report Template

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I Abstract

Abstract

This experiment report template used in Westlake University. Since LaTeX gives more DIY freedom to users, I will just present the cover, and show some necessary but tricky methods, instead of including all the basic usage or regious template. But if you want to add more to this template, like normalized color based on Westlake University logo, more pretty style in code, image, cover etc., feel free to create issues on https://github.com/52liyitong/Westlake-beamer or contact me.



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1 Header and Footer

- Header is designed at the top of the tex.
- Footer is defined by \footnote here¹

2 Code Insertion

2.1 Internal Code

Use 1stlisting to insert the internal code.

MATLAB

```
1  n = 10;
2  a = zeros(1,n);
3  tvec = 0:0.01:n;
```

python

```
1 def main():
2     print("Hello World!")
3
4 main()
```

```
C++
```

```
#include<iostrem>
using namespace std;
int main(){
   cout << "Hello World!" << endl;
   return 0;
}</pre>
```

2.2 External Code

Use \lstinputlisting to insert the external code.

python

```
def main():
    print("Hello World!")
main()
```

 $^{^{1}\}mathrm{Here}$ is the footer



3 Hyperlink

- Internal link: \ref{}, the content inside {} is the label in figure or table, like the link to Figure: 1
- External Link: href{[link]}{[description]}, like the link to our github project
- You can change the color of all the hyperlink in \hypersetup, Westlaketheme.sty



Figure 1: Internal link example

4 Reference

Use \cite{} to refer the external reference, where the reference is listed at the bottom of the report by:

Reference List

1 \begin{thebibliography}{9}
2 \bibitem{1}
3 \end{thebibliography}



Appendix

You can attach the whole code, results or refences here.

References

 $[1] \ https://github.com/AlmostGPH/SDU-Latex-Template-for-Document$