A report template in LATEX for students

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date

Abstract

This is a report template in LaTeX for students in University of Huddersfield, see university logo in figure 4.1 (example of referencing to figure).

You will find some other example such as $including\ figure$ and listing.

Acknowledgement

I am grateful to my supervisor, Prof. X for his advice and guidance.

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Introduction

1.1 Summary

The purpose of this paper was to help students use \LaTeX because of many reasons:

- $\bullet\,$ Latex has user friendly interface
- In latex, you get what you mean

This is introduction. Lets start with some quotes Joy in looking and comprehending is nature's most beautiful gift 1 .

 $^{^1}$ Albert Einstein

1.2 Motivation

I am inspired by this quote from Confiuos; "Find a job you love, you'll never work a day in your life."

Methodology

2.1 Assumption

We assumed that everyone who uses this template has at least basic knowledge of latex.

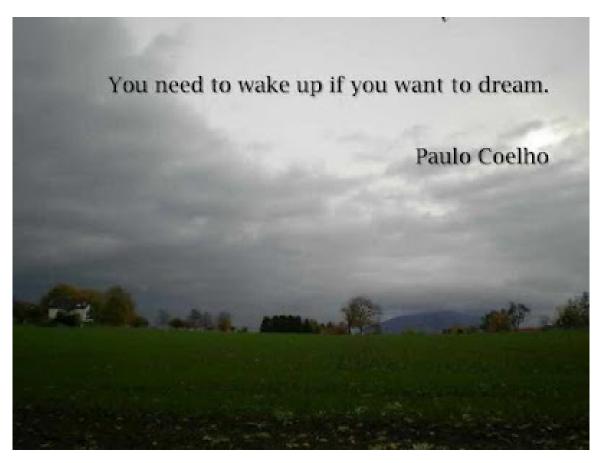


Figure 2.1: Example of a figure This figure illustrates ...

2.2 Mathematics

It is easy to show a matrix in latex, for example we write $\begin{bmatrix} 0 & 1 & 2 \\ 1 & 2 & 1 \\ 0 & 2 & 3 \end{bmatrix}$ in the same line, however we could write

$$A = \begin{bmatrix} 0 & 1 & 2 \\ 1 & 2 & 1 \\ 0 & 2 & 3 \end{bmatrix}$$

Here is citation [2]

2.3 Programming

2.3.1 Java

In LATEX you can include Java code, for example

Listing 2.1: HelloWorld.Java

```
/**
  * Author: Mehdi Dana

* Tutor : Dr Gary Allen
  */

public class HelloWorld {

public static void main(String[] args) {
        System.out.println("Hello World");
    }

}
```

Similarly, it is easy to include any other programming languages such as C++ and PHP.

You could write java code directly into file, for example listing 2.2 is not included.

Listing 2.2: HelloWorld2

```
/* try and catch example */
try{

System.out.println("Hello World");
}catch (Exception e){

System.out.println("Failed to print");
}
```

2.3.2 Logic

It is *hard* to write this in word documents:

```
\forall x \in X, \quad \exists y \le \epsilon
```

Conclusion

3.1 Summary

This was a report template in latex, we tried to keep it simple so you could understand and change it to meet your requirement.

Reference and Appendix

Bibliography

- [2] Prof. Lee McCluskey. http://helios.hud.ac.uk/scomtlm/, 2011. Cited: February 2012.

Appendices



Figure 4.1: University of Huddersfield logo This is logo of Huddersfield University