



Book Template

by

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Table of Contents

Table of Contents	III
List of Figures	IV
List of Tables	V
List of Code Snippets	VI
Abbreviations	VII
1. Introduction	1
1.1. section	1
1.1.1. Subsection	1
2. Snippets	2
2.1. Bash Light	2
2.2. Bash Dark	2
2.3. Bash Import	2
2.4. HTML Light	2
2.5. HTML Dark	3
2.6. HTML Import	4
2.7. Java Light	4
2.8. Java Dark	5
2.9. Java Import	5
3. Use of Abbreviations	7
4. Use of References	8
5. Use of Index	9
6. Tables	10

7. Footnotes	12
7.1. Example 1	12
8. Japanese - 日本語	13
9. Use of Images	14
9.1. Image Area	14
9.1.1. Example Image 1	14
9.1.2. Example Image 2	15
10. Landscape Area	16
10.1. Example 1	16
11. Mathematics Area	17
11.1. Example 1	17
Appendix	18
References	20
Index	20

List of Figures

9.1	Example Image 1	14
9.2	Example Image 2	15

List of Tables

6.1 Table example 11

List of Code Snippets

2.1	Snippet title	2
2.2	Snippet title	2
2.3	Snippet title	2
2.4	Snippet title	3
2.5	Snippet title	3
2.6	Snippet title	4
2.7	Snippet title	4
2.8	Snippet title	5
2.9	Snippet title	5

Abbreviations

KDE K Desktop Environment

SQL Structured Query Language

1. Introduction

this is the first chapter

1.1. section

This is the first section.

1.1.1. Subsection

normal *italic*, **bold** and ***bold italic***.

ä ö ü ß

Sample Text 0123

Sample Text 0123

SAMPLE TEXT 0123

Sample Text 0123

Sample Text 0123

Sample Text 0123

Sample Text 0123

<https://de.sharelatex.com/learn/>

A∞C

Das sind Sonderzeichen: äöüß

2. Snippets

2.1. Bash Light

```
1 #!/bin/bash
2
3 STRING="HELLO WORLD!!!"
4 echo $STRING
```

Code Snippet 2.1: Snippet title

2.2. Bash Dark

```
1 #!/bin/bash
2
3 STRING="HELLO WORLD!!!"
4 echo $STRING
```

Code Snippet 2.2: Snippet title

2.3. Bash Import

```
1 #!/bin/bash
2
3 STRING="HELLO WORLD!!!"
4 echo $STRING
```

Code Snippet 2.3: Snippet title

2.4. HTML Light

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta http-equiv="Content-Type" content="text/html; charset=UTF-8"/>
5     <title>GGHTMLCodeExample</title>
6     <link rel="shortcut icon" href="images/favicon.ico" type="image/x-
    ↪ icon">
7     <script>
8         var variable = 4;
9         if(variable != null && variable == 4) {
10             variable++;
11             variable += 12 * 4 / 3;
12             document.write(variable);
13         }
14     </script>
15 </head>
16 <body>
17     <div><Example HTML/>div>
18 </body>
19 </html>
```

Code Snippet 2.4: Snippet title

2.5. HTML Dark

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta http-equiv="Content-Type" content="text/html; charset=UTF-8"/>
5     <title>GGHTMLCodeExample</title>
6     <link rel="shortcut icon" href="images/favicon.ico" type="image/x-
    ↪ icon">
7     <script>
8         var variable = 4;
9         if(variable != null && variable == 4) {
10             variable++;
11             variable += 12 * 4 / 3;
12             document.write(variable);
13         }
14     </script>
```

```
15 </head>
16 <body>
17     <div><Example HTML/>div>
18 </body>
19 </html>
```

Code Snippet 2.5: Snippet title

2.6. HTML Import

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta http-equiv="Content-Type" content="text/html; charset=UTF-8"/>
5     <title>GGHTMLCodeExample</title>
6     <link rel="shortcut icon" href="images/favicon.ico" type="image/x-
    ↪ icon">
7     <script>
8         var variable = 4;
9         if(variable != null && variable == 4) {
10             variable++;
11             variable += 12 * 4 / 3;
12             document.write(variable);
13         }
14     </script>
15 </head>
16 <body>
17     <div><Example HTML/>div>
18 </body>
19 </html>
```

Code Snippet 2.6: Snippet title

2.7. Java Light

```
1 /**
2  * HelloWorld.java
3  */
```

```
4  
5 public class HelloWorld  
6 {  
7     public static void main(String[] args) {  
8         System.out.println("Hello World!");  
9     }  
10 }
```

Code Snippet 2.7: Snippet title

2.8. Java Dark

```
1 /**  
2  * HelloWorld.java  
3  */  
4  
5 public class HelloWorld  
6 {  
7     public static void main(String[] args) {  
8         System.out.println("Hello World!");  
9     }  
10 }
```

Code Snippet 2.8: Snippet title

2.9. Java Import

```
1 /**  
2  * HelloWorld.java  
3  */  
4  
5 public class HelloWorld  
6 {  
7     public static void main(String[] args) {  
8         System.out.println("Hello World!");  
9     }  
10 }
```

Code Snippet 2.9: Snippet title

3. Use of Abbreviations

K Desktop Environment (KDE)

KDE

K Desktop Environment (KDE)

K Desktop Environment

KDEs

KDEs

K Desktop Environments (KDEs)

K Desktop Environments

Structured Query Language (SQL)

SQL

Structured Query Language (SQL)

Structured Query Language

SQLs

SQLs

Structured Query Languages (SQLs)

Structured Query Languages

4. Use of References

[base_restart_network] Test

5. Use of Index

Test

6. Tables

[illegible]

Term	Description
Lots of lines	like this
Lots of lines	like this
Lots of lines	like this
Lots of lines	like this
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Lots of lines	like this
Lots of lines	like this
Lots of lines	like this
Lots of lines	like this
Lots of lines	like this
Lots of lines	like this

Table 6.1.: Table example

Table 6.1

7. Footnotes

one¹ two² three³ four²

7.1. Example 1

test

¹ Fußnote 1.

²Fußnote 2.

³Fußnote 3.

8. Japanese - 日本語

むかし、むかし、ある所におじいさんとおばあさんが住んでいました。おじいさんは山へしば刈りに、おばあさんは川へ洗濯に行きました。すると大きな桃が流れてきました。「なんと大きな桃じゃろう！家に持って帰ろう。」とおばあさんは背中に担いで帰って行きました。

9. Use of Images

9.1. Image Area

9.1.1. Example Image 1

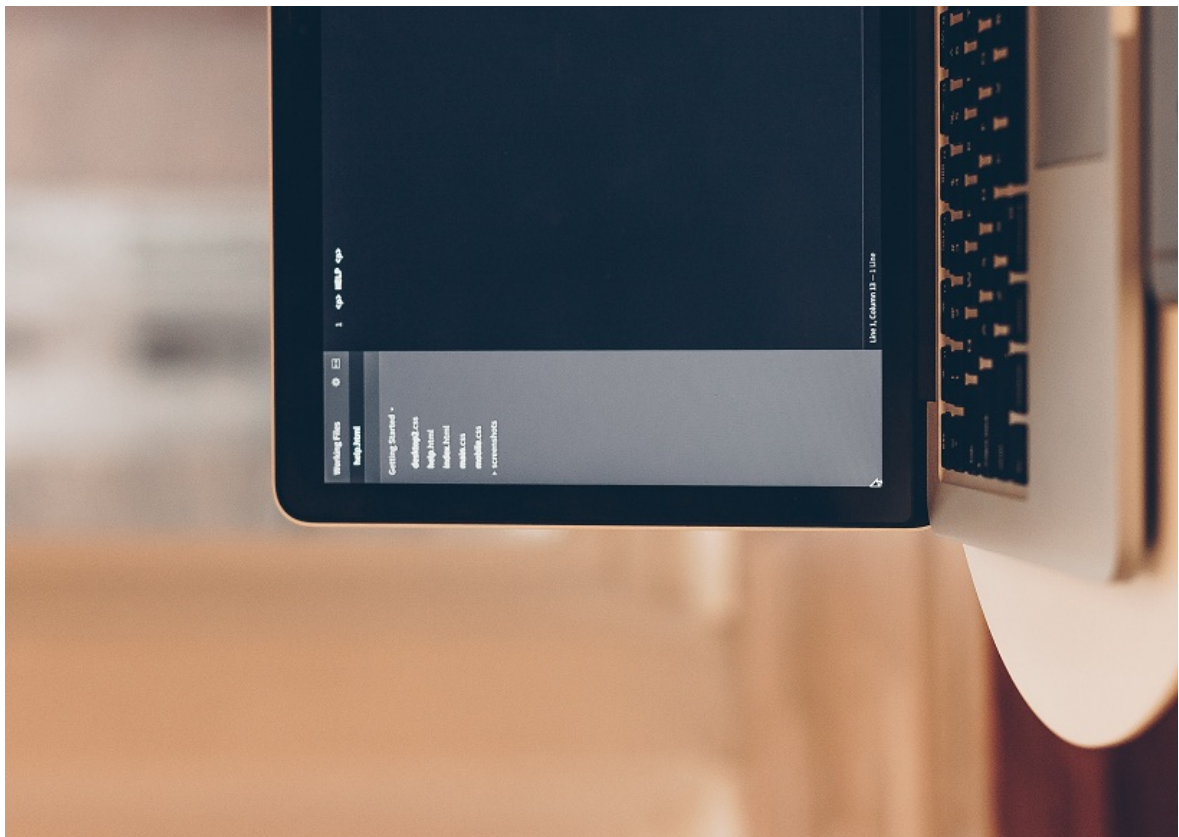


Figure 9.1.: Example Image 1

9.1.2. Example Image 2

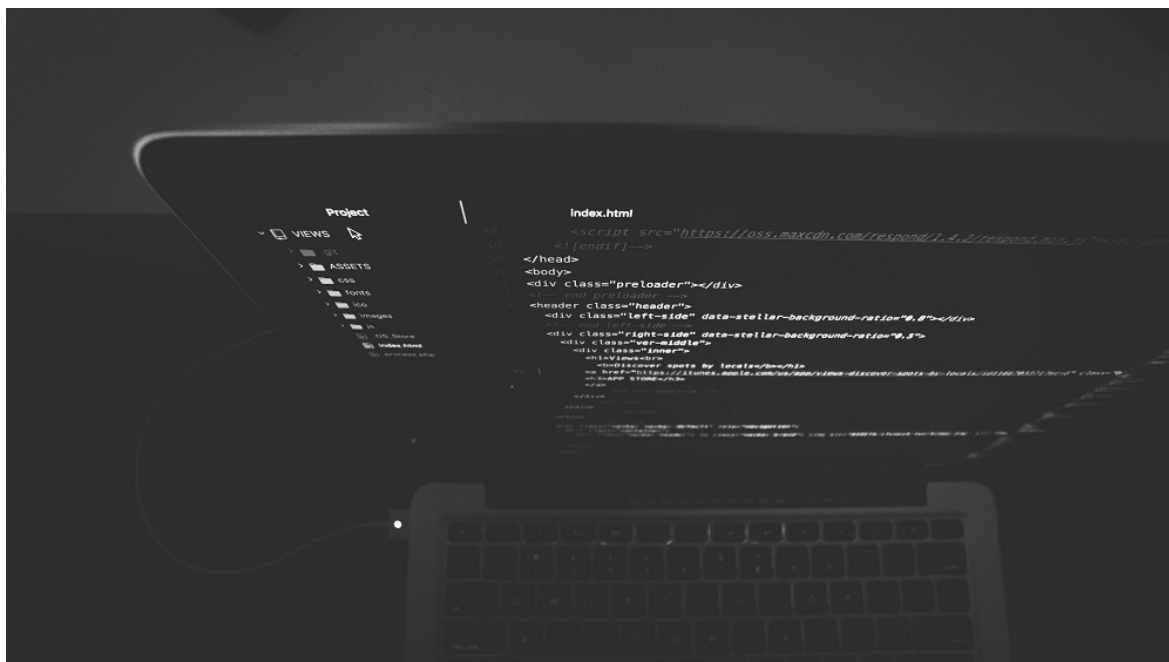


Figure 9.2.: Example Image 2

You can reference images, for instance, the image 9.2 shows an image from *unsplash*

10. Landscape Area

10.1. Example 1

This page is in Landscape mode

11. Mathematics Area

11.1. Example 1

The well known Pythagorean theorem $x^2 + y^2 = z^2$ was proved to be invalid for other exponents. Meaning the next equation has no integer solutions:

$$x^n + y^n = z^n$$

An alternative:

$$7 + 12 + x = 10$$

In physics, the mass-energy equivalence is stated by the equation $E = mc^2$, discovered in 1905 by Albert Einstein.

The mass-energy equivalence is described by the famous equation

$$E = mc^2$$

discovered in 1905 by Albert Einstein. In natural units ($c = 1$), the formula expresses the identity

$$E = m \tag{11.1}$$

Appendix

Table of Appendix

Appendix A. Packed Objects Encoding tables	19
Appendix A.1. Packed Objects Encoding tables	19
Appendix B. Encoding Packed Objects	19
Appendix C. Decoding Packed Objects	19

Appendix A. Packed Objects Encoding tables

Appendix A.1. Packed Objects Encoding tables

Appendix B. Encoding Packed Objects

Appendix C. Decoding Packed Objects

Index

Image Area, 14

Mathematics Area, 17

Landscape Area, 16

test index, 9