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# Introduction

This document will be used to test functionality of “SEMIT\_CHECKER” and its ability to find errors correctly. It was created with the help of Junior Research Fellow Rudyk Milkovych.

# 1 Correctly inserted tables and figures

Following tables should be labelled correctly (see table 1.1). Tables can be split if they don’t fit on one page, but it has to be done correctly (see table. 1.2). Another example of a correctly labelled table is shown in Appendix A.

Table 1.1 – Powers of the number 2

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 2 | 4 | 8 | 16 | 32 | 64 | 128 |

Table 1.2 – Powers of the number 3

|  |  |
| --- | --- |
| 3^1 | 3 |
| 3^2 | 9 |

Continuation of table 1.2

|  |  |
| --- | --- |
| 3^3 | 27 |
| 3^4 | 81 |

End of table 1.2

|  |  |
| --- | --- |
| 3^5 | 243 |
| 3^6 | 729 |

Following figures should be labelled correctly (see fig. 1.1 – 1.3).



Figure 1.1 – Junior Research Fellow Rudyk Milkovych

Another example of a correctly labelled figure is shown in Appendix B.

Figure 1.2 – Happiness level depending on the amount of cats

Figure 1.3 – Junior Research Fellows

# 2 Errors with tables

This chapter will contain examples of incorrectly used tables. Most common mistake is forgotten empty lines (see table 2.1).

Table 2.1 – Table with no empty lines before or after

|  |  |
| --- | --- |
| Table 2.1 | Table 2.1 |
| Table 2.1 | Table 2.1 |

This table should give two errors for both lines before and after.

## 2.1 Naming errors

Following table doesn’t have a name or number. It should be marked as error.

|  |  |
| --- | --- |
| Table 2.2 | Table 2.2 |
| Table 2.2 | Table 2.2 |

Following table’s name doesn’t match the pattern (see table 2.3). Name will not be found, therefore, there will be an error.

Tab 2.3 – Incorrectly named table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Table 2.3 | Table 2.3 | Table 2.3 | Table 2.3 | Table 2.3 |

## 2.2 Style errors

Following table is formatted correctly, but its name has wrong style (see table 2.4)

Table 2.4 – This paragraph’s style is not “TableNumber”

|  |  |
| --- | --- |
| Table 2.4 | Table 2.4 |
| Table 2.4 | Table 2.4 |

Cells in this table have styles that are not allowed (see table 2.5)

Table 2.5 – Styles that are not allowed inside table cells

|  |  |  |  |
| --- | --- | --- | --- |
| Table 2.5 | Table 2.5 | Table 2.5 | Table 2.5 |
| **Table 2.5** | *Table 2.5* | Table 2.5 | Table 2.5 |

## 2.3 Table continuations and ends

Sometimes tables have to be split. Let’s look at errors that may occur (see table 2.5 – 2.7). To see correct way to split tables see Chapter 1.

Continuation of table 2.5

|  |  |  |  |
| --- | --- | --- | --- |
| Table 2.5 | Table 2.5 | Table 2.5 | Table 2.5 |
| Table 2.5 | Table 2.5 | Table 2.5 | Table 2.5 |

End of table 2.6

|  |  |  |  |
| --- | --- | --- | --- |
| Table 2.6 | Table 2.6 | Table 2.6 | Table 2.6 |
| Table 2.6 | Table 2.6 | Table 2.6 | Table 2.6 |

Table 2.7 – Table with no end

|  |  |  |  |
| --- | --- | --- | --- |
| Table 2.7 | Table 2.7 | Table 2.7 | Table 2.7 |
| Table 2.7 | Table 2.7 | Table 2.7 | Table 2.7 |

Continuation of table 2.7

|  |  |  |  |
| --- | --- | --- | --- |
| Table 2.7 cont | Table 2.7 cont | Table 2.7 cont | Table 2.7 cont |
| Table 2.7 cont | Table 2.7 cont | Table 2.7 cont | Table 2.7 cont |

# 3 Errors with Figures

This chapter will contain examples of incorrectly used figures. Most common mistake is forgotten empty lines (see fig. 3.1).



Figure 3.1 – Junior Research Fellow Rudyk Milkovych

This figure should give two errors for both lines before and after.

## 3.1 Naming errors

Following figure doesn’t have a name or number. It should be marked as error



Following figure’s name doesn’t match the pattern (see fig. 3.3). Name will not be found, therefore, there will be an error. A similar error is   
presented in Appendix C.



Fig. 3.3 – Junior Research Fellow Rudyk Milkovych

Figure doesn’t have a name, only number (see fig. 3.4)



Figure 3.4

## 3.2 Style errors

Following figure has correct name, but the paragraph style is wrong (see fig. 3.5)



Figure 3.5 – Junior Research Fellow Rudyk Milkovych

Following picture doesn’t use style “Figure”, therefore it will be marked as an error (see fig. 3.6)



Figure 3.6 – Junior Research Fellow Rudyk Milkovych

# Appendix A Example of a correctly labelled table

This appendix contains a table that was labelled correctly (table A.1).

Table A.1 – Powers of the number 5

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 5^1 | 5^2 | 5^3 | 5^4 | 5^5 |
| 5 | 25 | 125 | 625 | 3125 |

# Appendix B Example of a correctly labelled figure

This appendix contains a figure that was labelled correctly (see fig. B.1). As it is the last paragraph in the document it does not require an empty line after.



Figure B.1 – Junior Research Fellow Rudyk Milkovych

# Appendix C Inorrectly added figure

This figure was not formatted correctly in order to check the output of the appendix title (see Figure C.1). Since this is the last paragraph in the document, there is no requirement to leave a blank line after it. There will be no error about the missing blank line after the figure.



Fig. C.1 – Junior Research Fellow Rudyk Milkovych