



FACULTY
OF EDUCATION
Masaryk University

Presentation Title

Presentation Subtitle

Author's Name

Outline for Section 1

1. Light Frames

- 1.1 Blind Text
- 1.2 Structuring Elements
- 1.3 Numerals and Mathematics
- 1.4 Figures and Code Listings
- 1.5 Citations and Bibliography

2. Dark Frames

- 2.1 Blind Text
- 2.2 Structuring Elements
- 2.3 Numerals and Mathematics
- 2.4 Figures and Code Listings
- 2.5 Citations and Bibliography

Jabberwocky

Lewis Carroll

'Twas brillig, and the slithy toves
Did gyre and gimble in the wabe;
All mimsy were the borogoves,
And the mome raths outgrabe.

"Beware the Jabberwock, my son!
The jaws that bite, the claws that catch!
Beware the Jubjub bird, and shun
The frumious Bandersnatch!"



Lists and locales

Lorem ipsum dolor sit amet

- Nulla nec lacinia odio.
Curabitur urna tellus.
 - Fusce id sodales dolor. Sed id metus dui.
 - » Cupio virtus licet mi vel feugiat.
- 1. Donec porta, risus porttitor egestas scelerisque video.
 - 1.1 Nunc non ante fringilla, manus potentis cario.
 - 1.1.1 Pellentesque servus morbi tristique.

Nechť již hříšné saxofony d'áblů rozzvučí sín úděsnými tóny waltzu, tanga a quickstepu! Nezvyčajné krdle šťastných figliarskych ďatľov učia pri kótovanom ústí Váhu mlkveho koňa Waldemara obžierať väčšie kusy exkluzívnej kôry. The quick, brown fox jumps over a lazy dog. DJs flock by when MTV ax quiz prog. "Now fax quiz Jack!"

Text blocks

In plain, example, and **alert** flavour

This **text** is highlighted.

Observation 1

Simmons Hall **IS** composed of metal and concrete.

Observation 2

Simmons Dormitory **IS** composed of brick.

Conclusion

Simmons Hall **IS NOT** Simmons Dormitory.

Definitions, theorems, and proofs

All integers divide zero

Definition

$$\forall a, b \in \mathbb{Z} : a \mid b \iff \exists c \in \mathbb{Z} : a \cdot c = b$$

Theorem

$$\forall a \in \mathbb{Z} : a \mid 0$$

Proof

$$\forall a \in \mathbb{Z} : a \cdot 0 = 0$$

□

Numerals and Mathematics

Formulae, equations, and expressions

$$1234567890 \quad 1234567890 \quad \hat{x}, \check{x}, \tilde{a}, \bar{a}, \dot{y}, \ddot{y} \quad \iint f(x, y, z) \, dx \, dy \, dz$$

$$\frac{1}{1 + \frac{1}{2 + \frac{1}{3+x}}} + \frac{1}{1 + \frac{1}{2 + \frac{1}{3+x}}} \quad F : \begin{vmatrix} F''_{xx} & F''_{xy} & F'_x \\ F''_{yx} & F''_{yy} & F'_y \\ F'_x & F'_y & 0 \end{vmatrix} = 0$$

$$\iint_{x \in \mathbb{R}^2} \langle x, y \rangle \, dx \quad \overline{a\alpha^2 + b\beta + d\delta} \quad]0, 1[+ \lceil x \rceil - \langle x, y \rangle$$

$$e^x \approx 1 + x + x^2/2! + \dots + x^3/3! + x^4/4!$$
$$\binom{n+1}{k} = \binom{n}{k} + \binom{n}{k-1}$$

Figures

Tables, graphs, and images

| Faculty | With \TeX | Total | % |
|---|--------------------|--------|-------|
| Faculty of Informatics | 1 716 | 2 904 | 59.09 |
| Faculty of Science | 786 | 5 275 | 14.90 |
| Faculty of Economics and Administration | 64 | 4 591 | 1.39 |
| Faculty of Arts | 69 | 10 000 | 0.69 |
| Faculty of Medicine | 8 | 2 014 | 0.40 |
| Faculty of Law | 15 | 4 824 | 0.31 |
| Faculty of Education | 19 | 8 219 | 0.23 |
| Faculty of Social Studies | 12 | 5 599 | 0.21 |
| Faculty of Sports Studies | 3 | 2 062 | 0.15 |

Table: The distribution of theses written using \TeX during 2010–15 at MU

Figures

Tables, graphs, and images

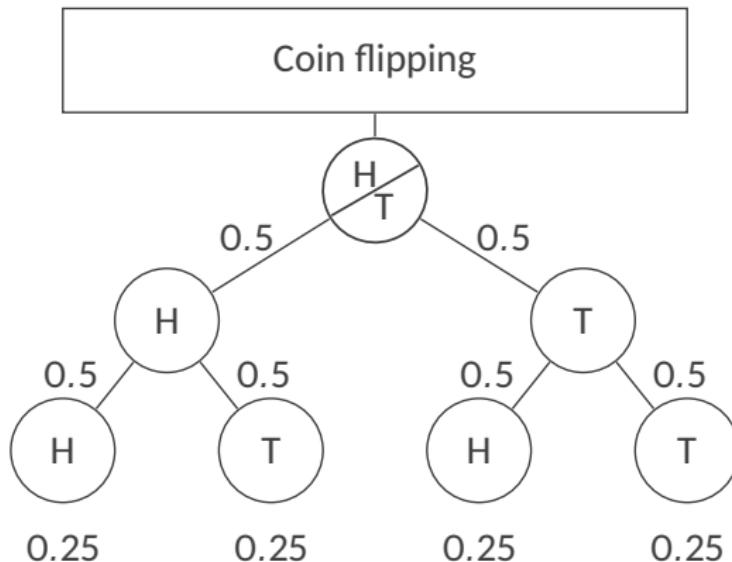


Figure: Tree of probabilities – Flipping a coin¹

¹A derivative of a diagram from texample.net by cis, CC BY 2.5 licensed

Code listings

An example source code in C

```
#include <stdio.h>
#include <unistd.h>
#include <sys/types.h>
#include <sys/wait.h>

// This is a comment
int main(int argc, char **argv)
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    sleep(c = atoi(v[c]));
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Citations

\TeX , \LaTeX , and Beamer

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In the early 1980s, Leslie Lamport created the initial version of \LaTeX , a high-level language on top of \TeX , which is documented in *\LaTeX : A Document Preparation System* [2]. There exists a healthy ecosystem of packages that extend the base functionality of \LaTeX ; *The \LaTeX Companion* [3] acts as a guide through the ecosystem.

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Bibliography

\TeX , \LaTeX , and Beamer

- [1] Donald E. Knuth. *The $\text{\TeX}book$* . Addison-Wesley, 1984.
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- [5] A. Mertz and W. Slough. Edited by B. Beeton and K. Berry. *Beamer by example* In *TUGboat*, Vol. 26, No. 1., pp. 68-73.

Outline for Section 2

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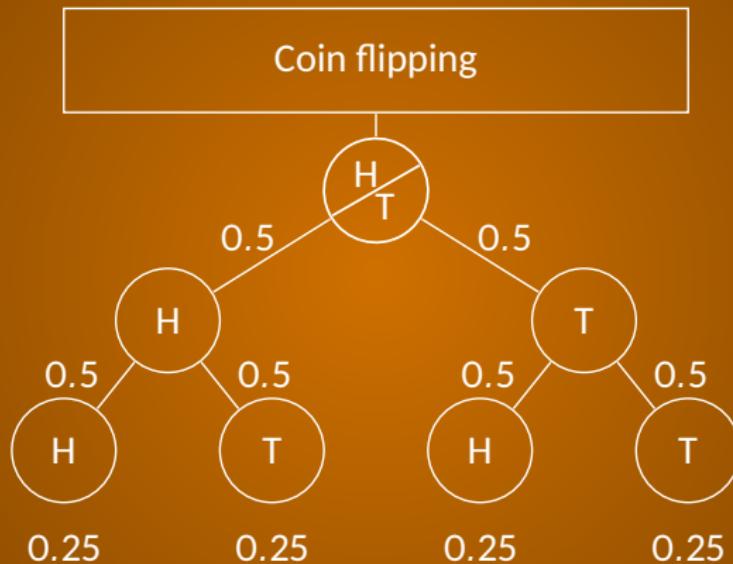


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Bibliography

T_EX, L_AT_EX, and Beamer

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