



FACULTY  
OF INFORMATICS  
Masaryk University

# Presentation Title

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Presentation Subtitle

Author's Name

# Outline for Section 1

# 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 mlíkeho 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.

A plain block

This is a plain block containing some highlighted text.

An example block

This is an example block containing some highlighted text.

An alert block

This is an alert block containing some highlighted text.

# 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*

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

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

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

$$\begin{aligned} e^x \approx & 1 + x + x^2/2! + \\ & + x^3/3! + x^4/4! \end{aligned} \quad \binom{n+1}{k} = \binom{n}{k} + \binom{n}{k-1}$$

# Figures

*Tables, graphs, and images*

Faculty	With $\text{\TeX}$	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  $\text{\TeX}$  during 2010–15 at MU

# Figures

Tables, graphs, and images

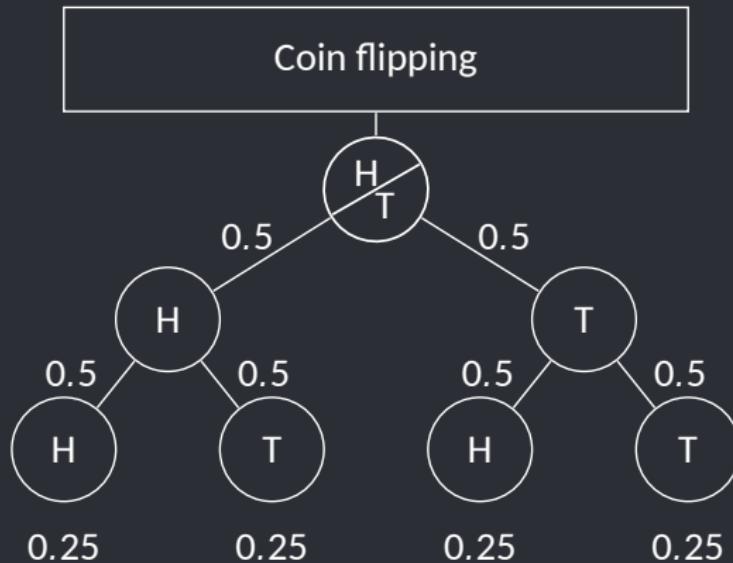


Figure: Tree of probabilities – Flipping a coin<sup>1</sup>

<sup>1</sup>A derivative of a diagram from [texexample.net](http://texexample.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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# Citations

## $\text{\TeX}$ , $\text{\LaTeX}$ , and Beamer

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

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# Bibliography

## *T<sub>E</sub>X, L<sub>A</sub>T<sub>E</sub>X, and Beamer*

- [1] Donald E. Knuth. *The T<sub>E</sub>Xbook*. Addison-Wesley, 1984.
- [2] Leslie Lamport. *L<sub>A</sub>T<sub>E</sub>X: A Document Preparation System*. Addison-Wesley, 1986.
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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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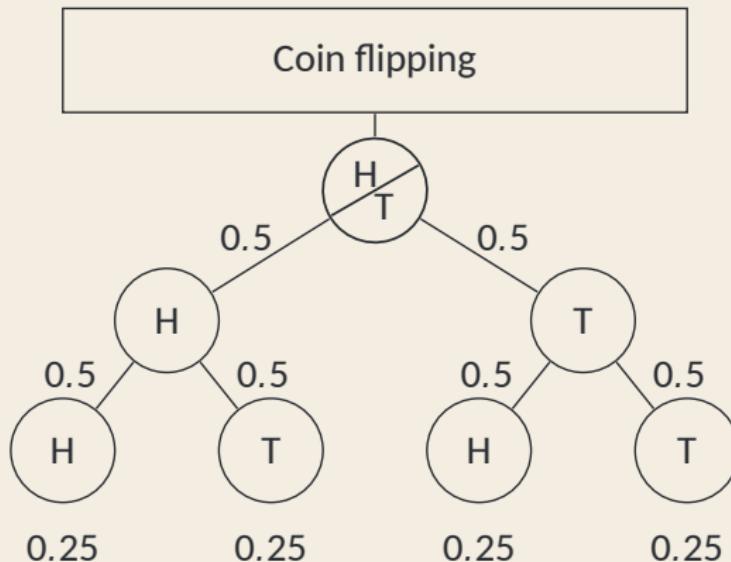


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