GSNS LaTeX course

TeXniCie
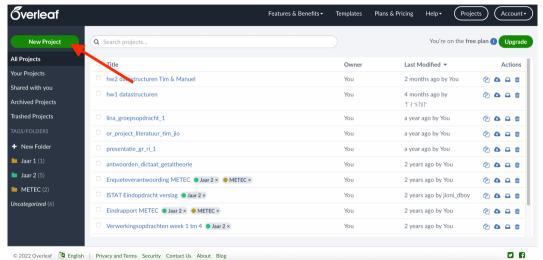
8 September 2022

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Schedule

- ▶ Introduction to LaTeX and Overleaf
- ▶ Text formatting
- ▶ ⟨Exercises!⟩
- ▶ Structure of a document
- ▶ ⟨Exercises!⟩
- ▶ Formulas
- ▶ ⟨Exercises!⟩
- ▶ Images
- ▶ ⟨Exercises!⟩
- ▶ Closing remarks

Overleaf

Overleaf

Simple document in LaTeX

```
1  \documentclass{article}
2
3
4  \begin{document}
5
6
7
8
9  \end{document}
```

preamble: document settings go here

body: content (text and images) goes here

Simple document in LaTeX

```latex
1  \documentclass{article}
2
3
4  \begin{document}
5
6  The Differential and Integral
7  Calculus, or, as it was formerly
8  called in this country,
9  the Doctrine of Fluxions, has always
10 been supposed to present remarkable
11 obstacles to the beginner.
12
13 \end{document}
```

body: content (text and images) goes here

Simple document in LaTeX

```latex
1  \documentclass[a4paper,11pt]{article}
2
3
4  \begin{document}
5
6  The Differential and Integral
7  Calculus, or, as it was formerly
8  called in this country,
9  the Doctrine of Fluxions, has always
10 been supposed to present remarkable
11 obstacles to the beginner.
12
13 \end{document}
```

preamble: document settings go here

whitespace

paragraphs

sections

title and author

special characters

formatting text

math

math

more math

more math

closing remarks