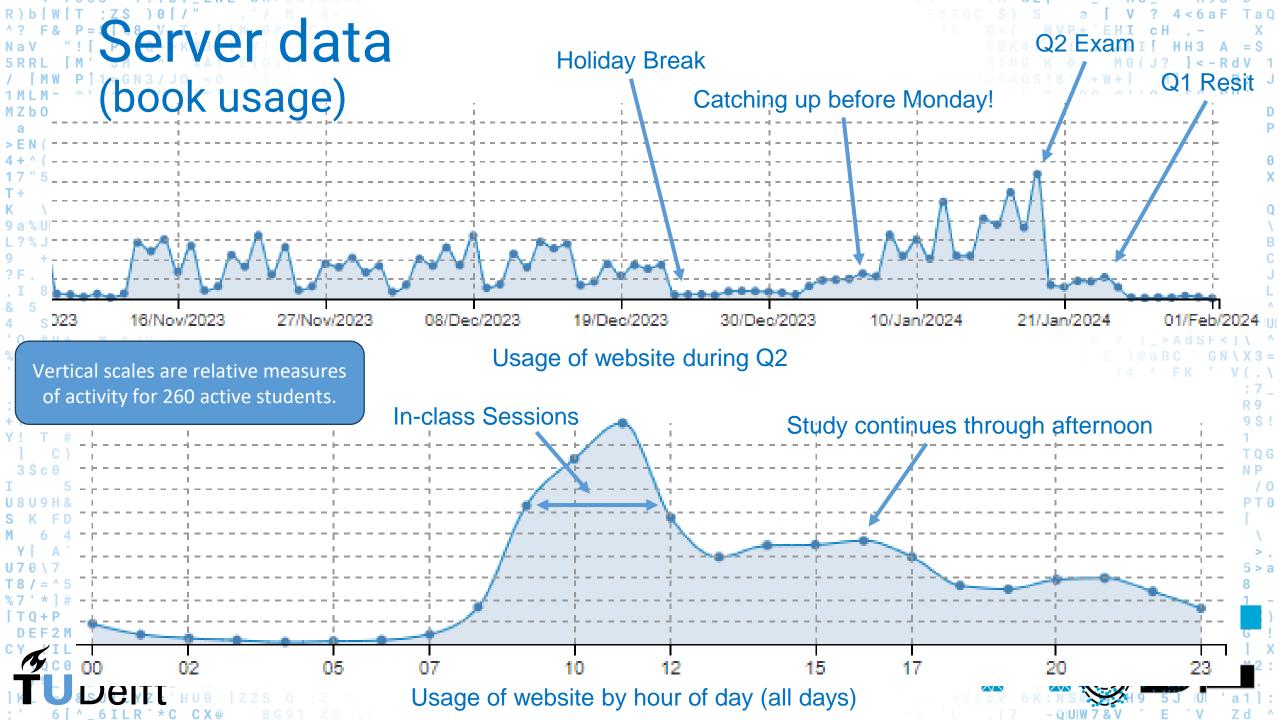
Online Interactive Textbooks

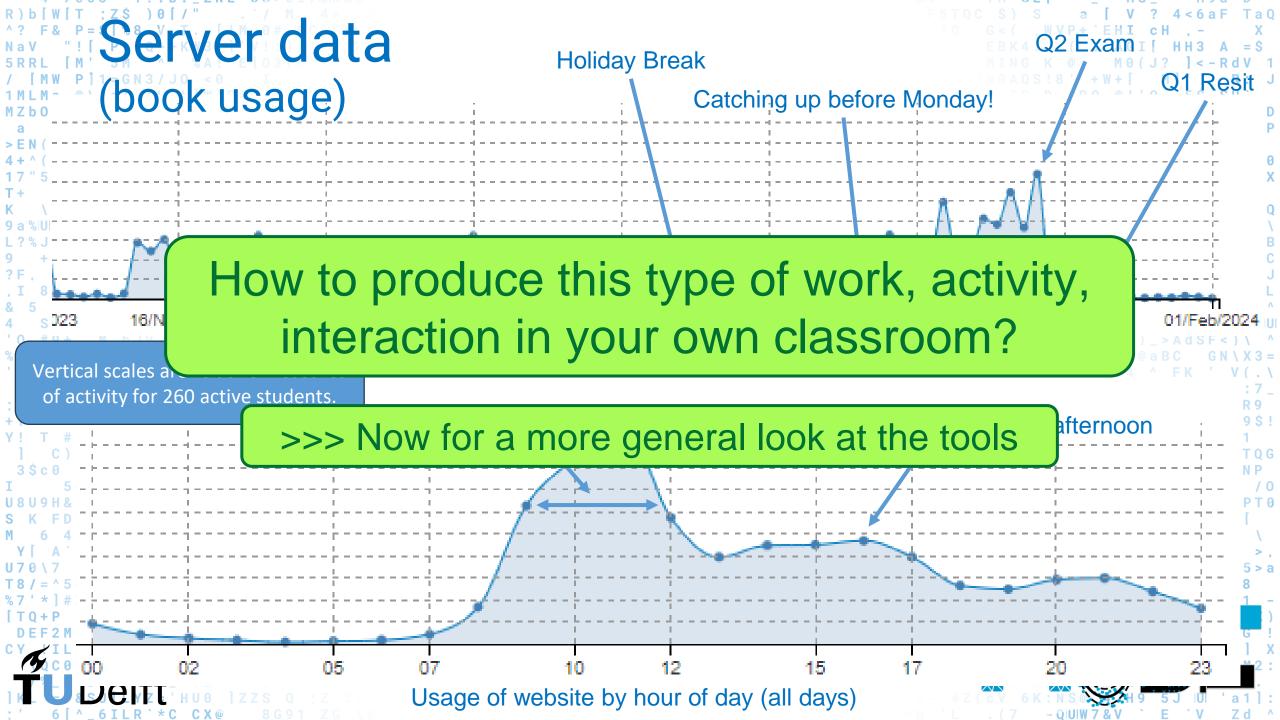


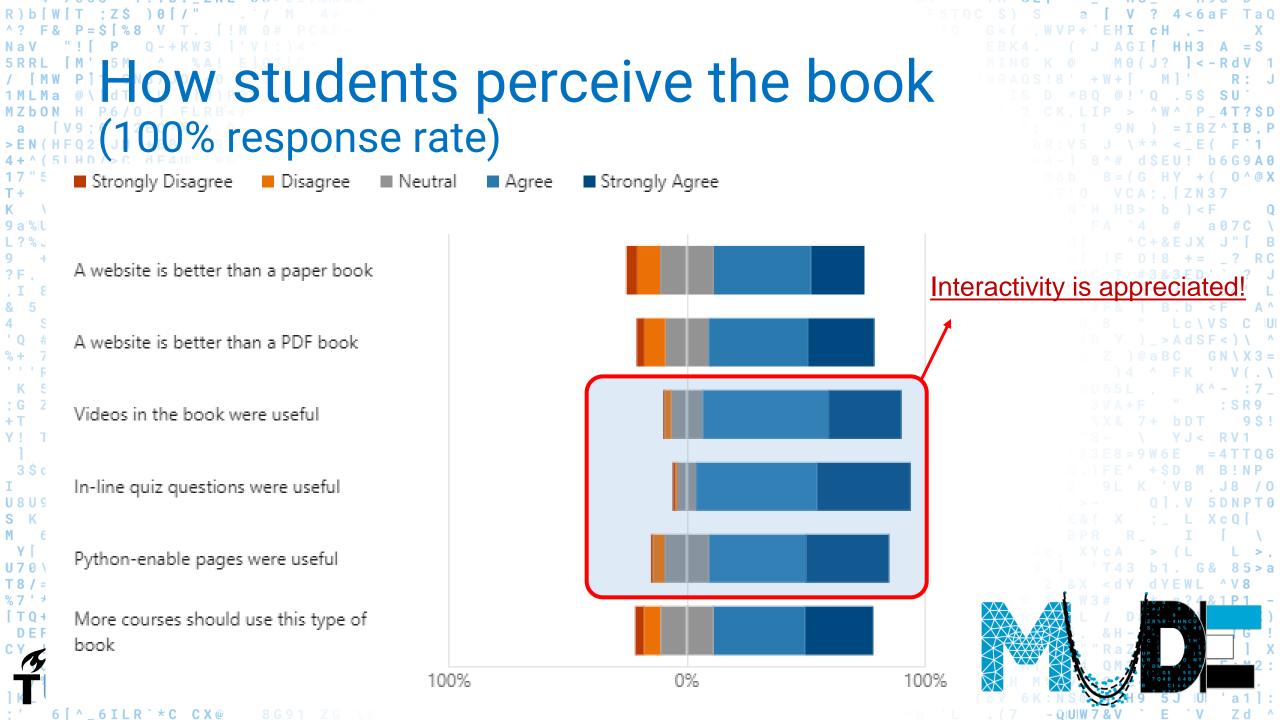
TeachBooks: Teachers'
Educational Assistance for interaCtive Hands-on Browser-based Online Open Knowledge for Students

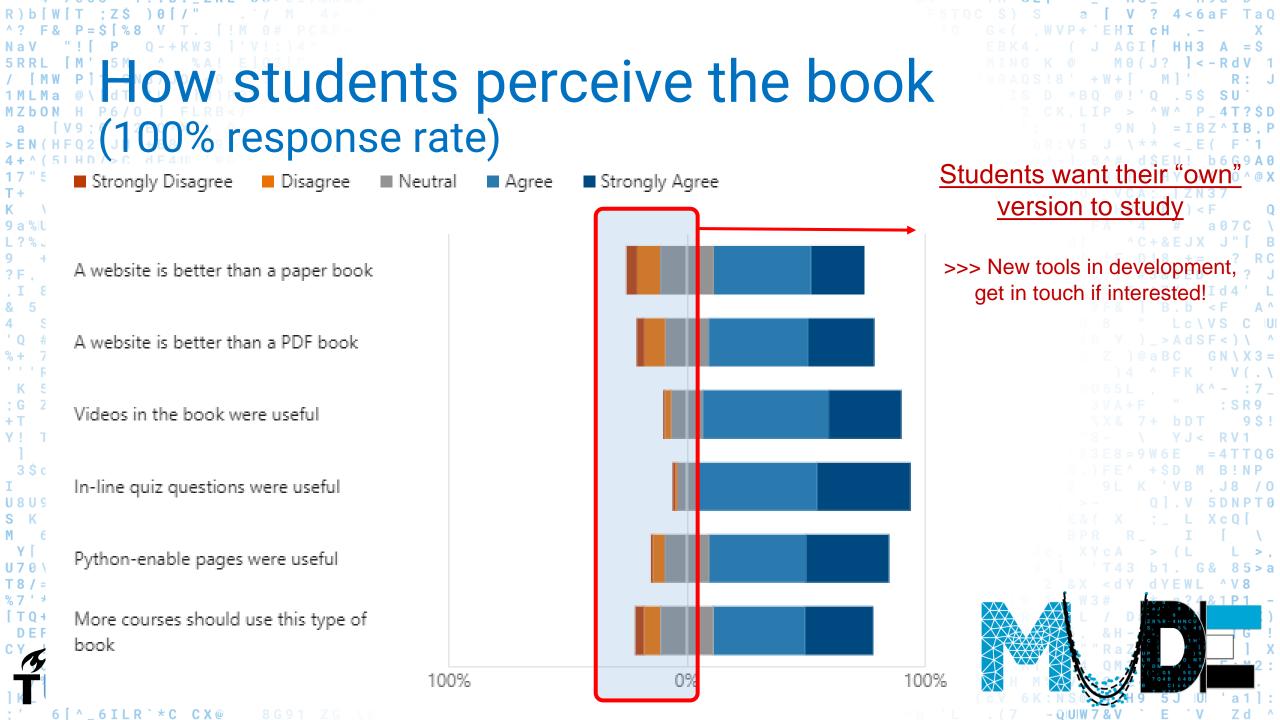


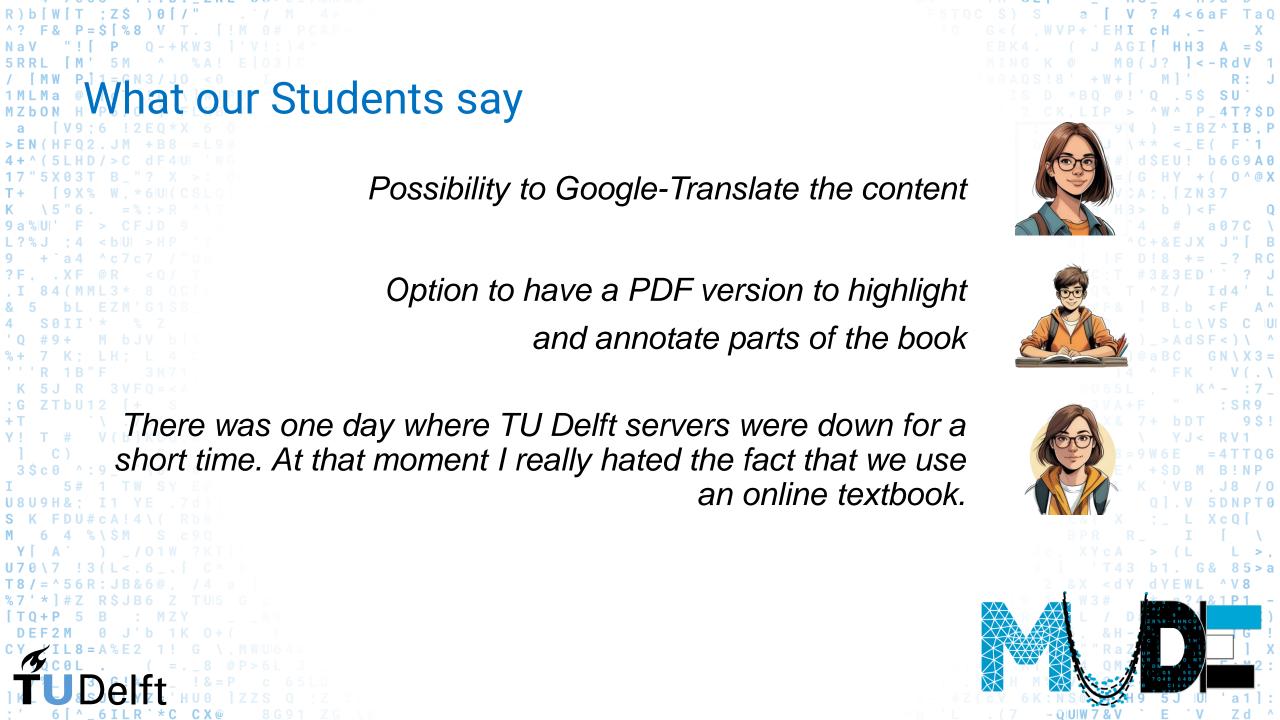


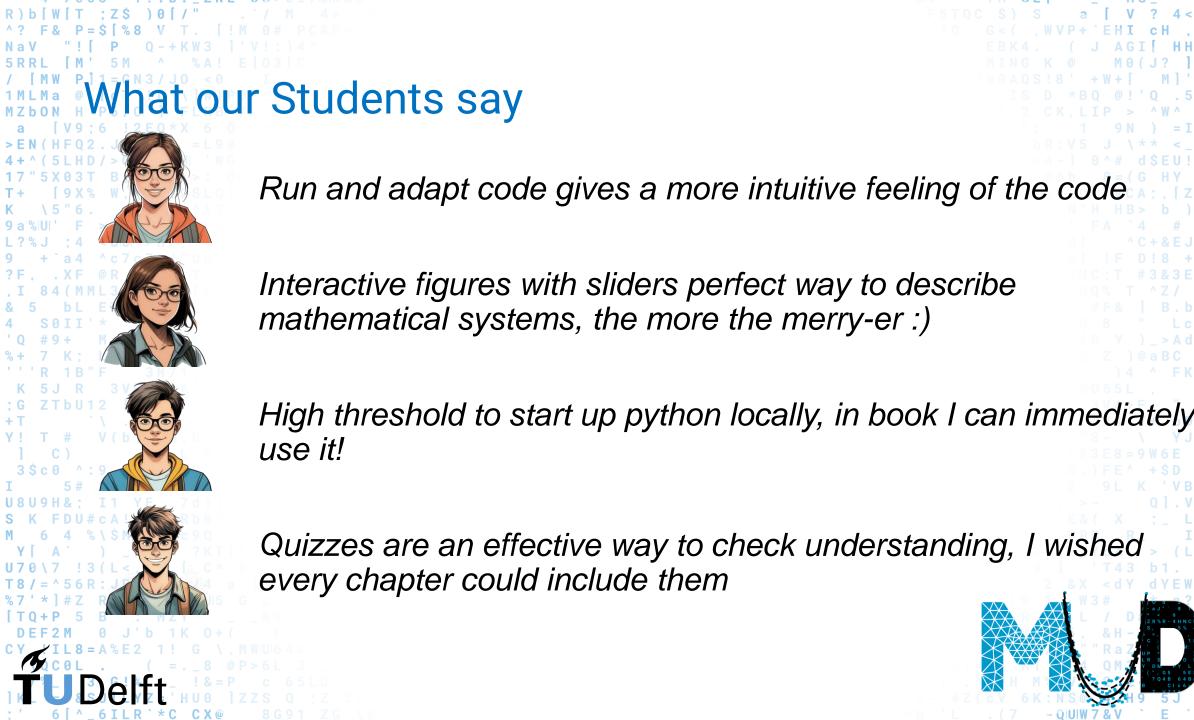


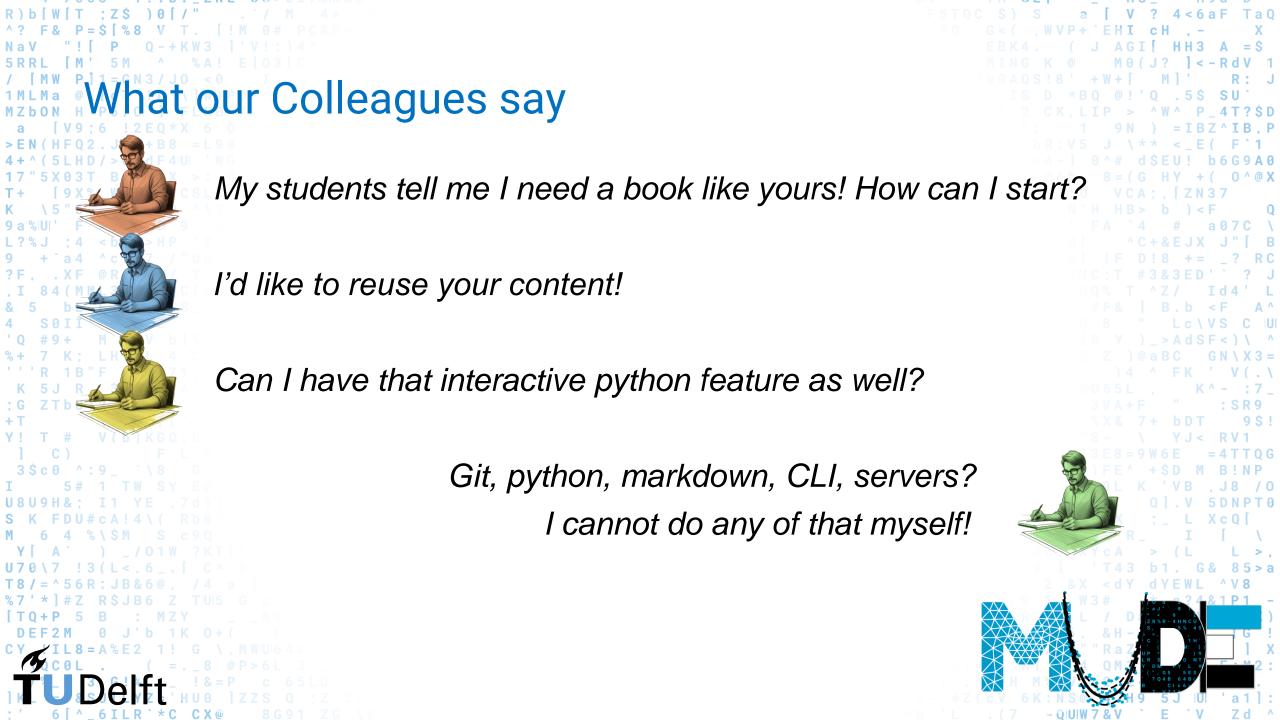




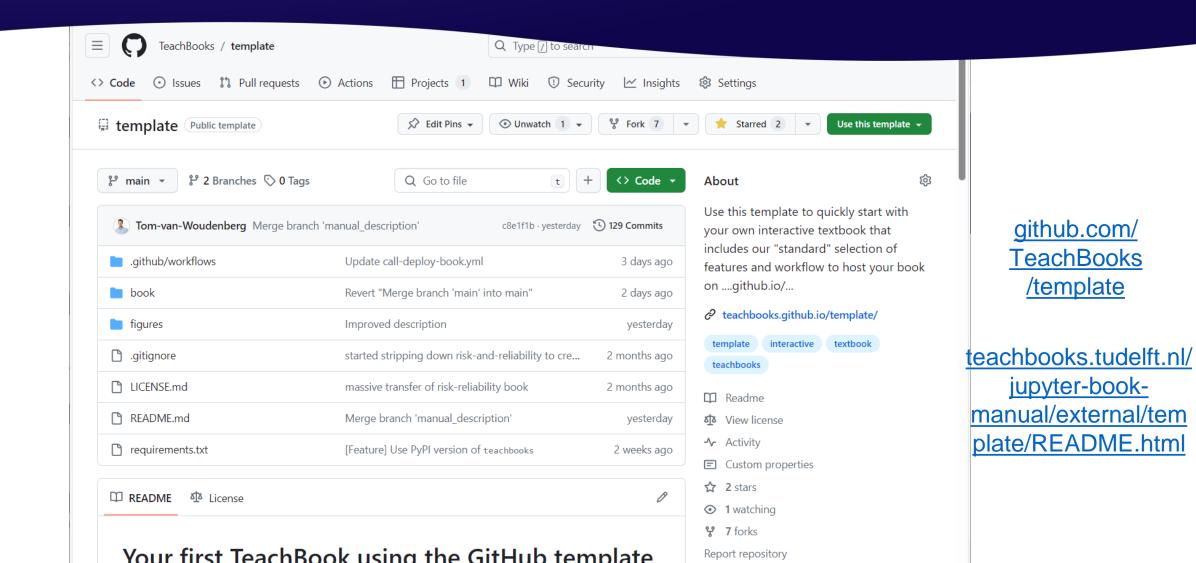








How to Make an Online Book for Beginners





Template live demo

The live demo is not included in this PDF, but can be viewed at the following YouTube link: youtu.be/nOpzEnMtta4

- The GitHub repository can be found here: <u>github.com/TeachBooks/template</u>
- The manual describing the template can be found here: <u>teachbooks.tudelft.nl/jupyter-book-</u> manual/external/template/README.html

TeachBooks



Teachers' Educational
Assistance for interaCtive
Hands-on Browser-based Online
Open Knowledge for Students

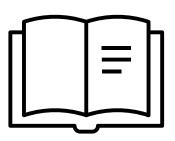


teachbooks.tudelft.nl

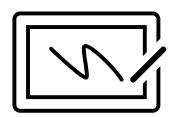


TeachBooks

Manual



Template for your own book



Software package



Support and promoting advanced usage



On collaborative book-editing

Team Teaching

Create your book in 10-clicks

Improve student experience.
Streamline editing process (teachers).

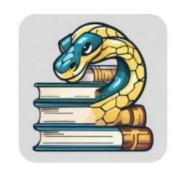
Inform and engage with third parties



Deploy book action workflow

TeachBooks/deploy-book-workflow

Reusable Actions workflow for TeachBooks/template



A 4 Contributors 112 Used by

☆ 3 Stars

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Forks





Books

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Part 3 - Folder Organisation

3a. Relevance: #



BEFORE:

With a cluttered desktop like this, it can be difficult to see what's



AFTER:

With an organised system of folders, it's easier to locate exactly what you need.



"Desktop Harmony" by TU Delft Library - Dat Analysis Team is licensed under CC BY 4.0

A system of sub-folders helps you organise items into more intentional and manageable categories. This will make it possible to find elements more easily and save you time in the long run, especially during big projects.





3. Semantic errors

According to the Oxford Dictionary, 'semantic' is an adjective relating to meaning. Therefore, a 'semantic error' is an error in the meaning of your code. Your code will still run without giving any error back, but it will not result in what you expected (or desired). For that reason, semantic errors are the hardest to identify. Below an example:

I want to raise 2 to the 3rd power. However, I apply the wrong syntax that does not represent "pow()".

No error message is created, because this syntax is used for another function in Python. However, this results in an output I did not expect nor desire.

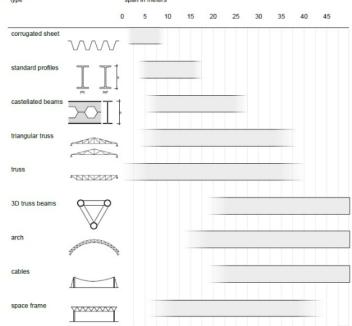
```
power_of_2 = 2^3
print(f'2 to the 3rd power is {power_of_2}')

2 to the 3rd power is 1
```





10.1. Spans in steel









TeachBooks

- Over 30 books actively used in education
- Multiple thousands of students impacted
- Books from all TU Delft faculties + Leiden / Rotterdam
 - Teaching Teams size 1 to 50 use our tools