LaTeX Workshop

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1 exercise 1:

https://www.overleaf.com/learn/latex/Tables#Reference_guide

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2 exercise 2:

https://www.overleaf.com/learn/latex/Inserting_Images
https://www.overleaf.com/learn/latex/Wrapping_text_around_figures
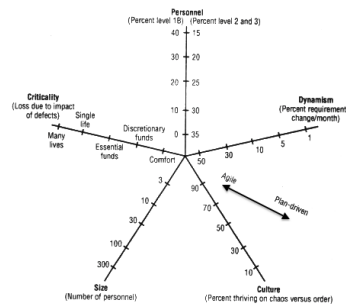
text wrapping the picture ....

text [2]

Figure 1: Boehm-Turner model

3 exercise 3:

https://www.overleaf.com/learn/latex/Bibliography_management_with_bibtex

text [1]

References

[1] Donald E. Knuth (1986) *The TEX Book*, Addison-Wesley Professional.

[2] Leslie Lamport (1994) *LATEX: a document preparation system*, Addison Wesley, Massachusetts, 2nd ed.

4   exercise 4:

https://www.overleaf.com/learn/latex/Multi-file_LaTeX_projects
\input is used to insert the content of another file into your main document as if you wrote the content directly in the main file. Here are its primary features:

- You can use it anywhere in the document.

- It does not produce a page break.

- When the included file has an error, LaTeX points to the line number within that file.

- You can nest \input commands within files.

- The included file should not contain any preamble.

\include is used to insert larger pieces of content, like chapters, into your LaTeX document. It has these features:

- It can only be used in the document body (not in the preamble).

- It produces a page break before and after the included content.

- When the included file has an error, LaTeX points to the line number within that file.

- Nesting \include commands is not possible and will result in an error.

- It requires the \includeonly command when working with large projects to speed up compilation.

5   exercise 5:

https://www.overleaf.com/learn/latex/Questions/Tips_and_Tricks_for_Troubleshooting_LaTeX

Missing n **inserted** Enclose text within dollar signs $...$ for inline math mode or use double dollar signs $$...$$ for displayed equations.

Undefined control sequence Check the spelling of the command and ensure that the correct package is included with `\usepackage{...}`.

Missing `\begin{document}` Add the `\begin{document}` command before your content and make sure there is no content before the `\documentclass{...}` declaration.

Missing `\end{document}` Add the `\end{document}` command at the end of your document, after all content and packages.

Extra }, or forgotten `\endgroup` Check your braces to ensure they are properly matched and balanced.

File <filename .sty not found Verify the file name and location, and make sure the package is installed on your system.

Missing `\caption` Add a `\caption{}` command within the float environment to provide a descriptive caption for the object.

Too many unprocessed floats Use the `\clearpage` or `\cleardoublepage` command to force LaTeX to process the floats, or use the float package with the H placement specifier to explicitly place floats.

Overfull `\hbox` **or Underfull** `\hbox` Adjust the text, add line breaks manually, or use the microtype package to improve spacing and justification.

Missing `\bibitem` Ensure you have added a corresponding `\bibitem{}` or `entry{}` in your bibliography file for each citation used in your document.

6   exercise 6:

https://www.overleaf.com/learn/latex/Headers_and_footers

7   exercise 7: