



Brief View of Markdown

Simple way to document

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04/12/2021





Content

Brief View of Markdown

- What is Markdown?
- How to work with Markdown?
- References

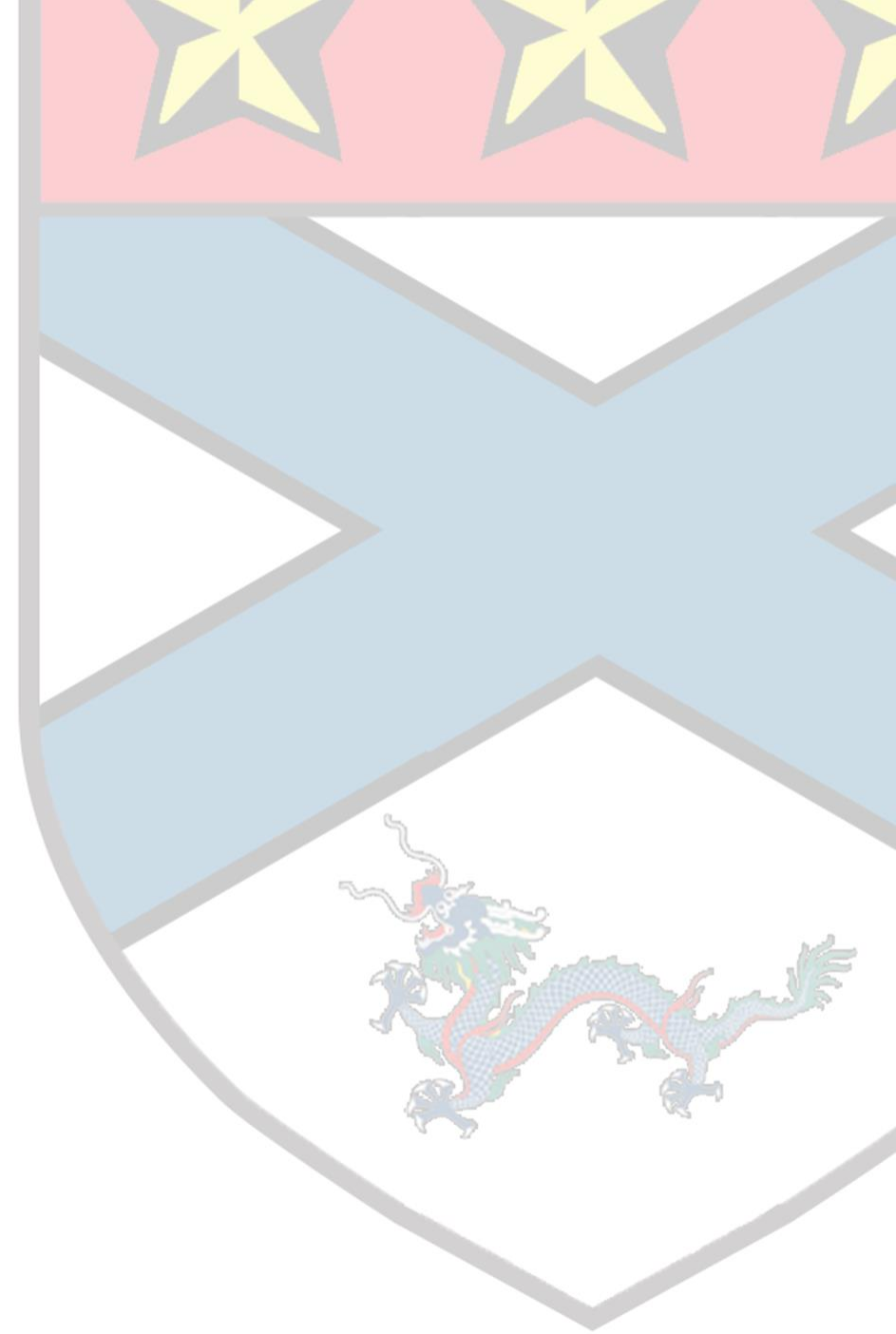




What is Markdown?

Brief View of Markdown

- A simple, light-weight markup language
- Key Design Goal: Readability!
- File Extension: `md`
- Easy to Convertible to XHTML (or HTML)





History of Markdown

Brief View of Markdown

- 2004, Aaron Swartz & John Gruber created.
 - Firstly, it is just a Perl script.
- 03/2016, 2 RFCs:
 - RFC 7763: Add MIME text/markdown
 - RFC 7764: Discussed and registered some markdown variants
- Standardisation:
 - CommonMark: 25/10/2014, by a group incl. Jeff Atwood & John MacFarlane
 - GitHub Flavored Markdown: 2017, GitHub (2009-2017 used its own var.)

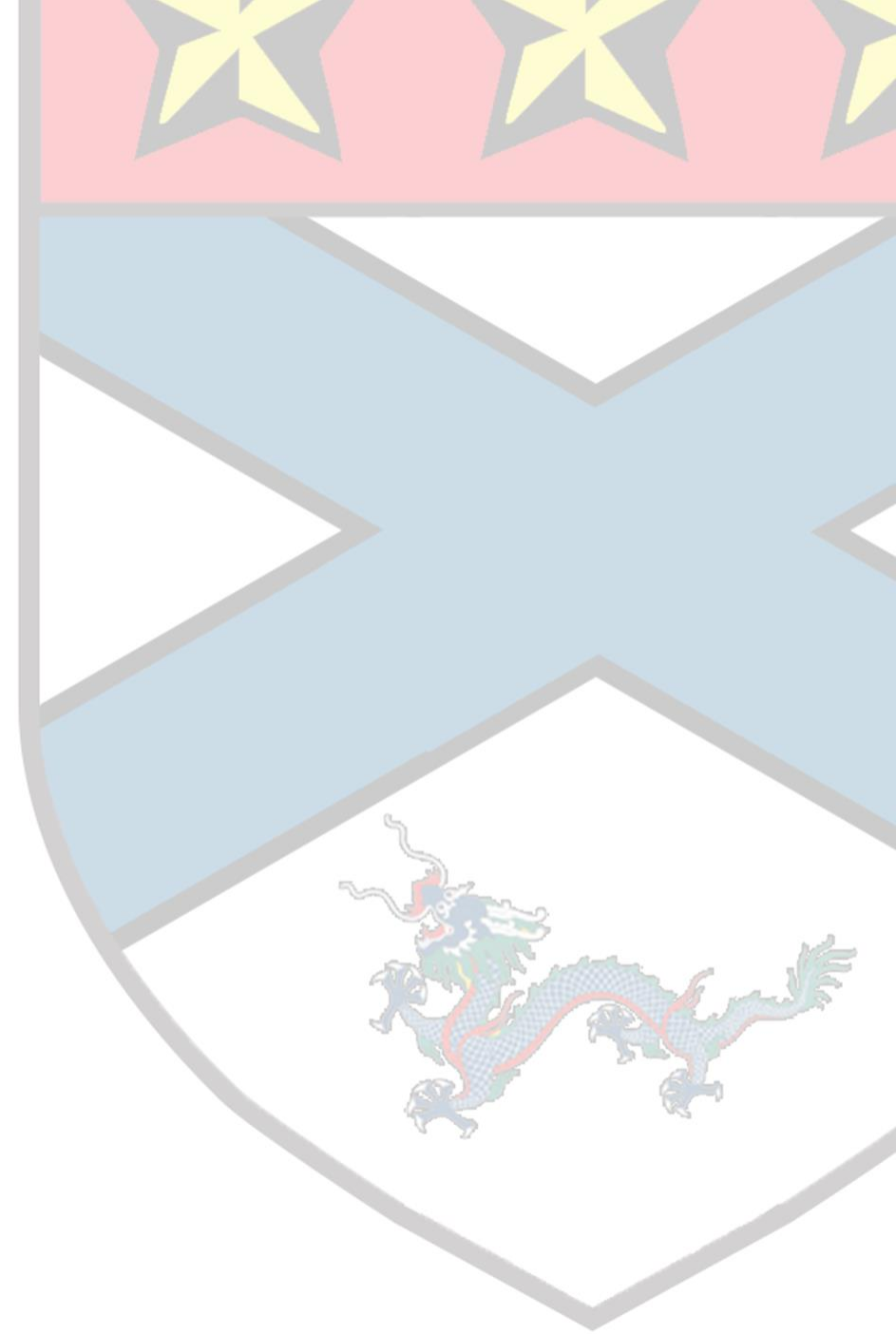




Editor of Markdown

Brief View of Markdown

- **Typora** ← **Recommended for beginner**
- Visual Studio Code
- Emacs/Vim (Ordered by alphabet)
- Even notepad!





Syntax of Markdown

Brief View of Markdown

- **Headline:**

- #
- ##
- ###
- ####
- ...





Syntax of Markdown

Brief View of Markdown

- Strong/Bold:
 - **Word**
- Italic
 - *Word*
- So, bold & italic is?





Syntax of Markdown

Brief View of Markdown

- List

- Use `-` or `*`
- E.g.
 - `- line 1`
 - `- line 2`
 - `- line 3`
 - `* line 1`
 - `* line 2`
 - `* line 3`



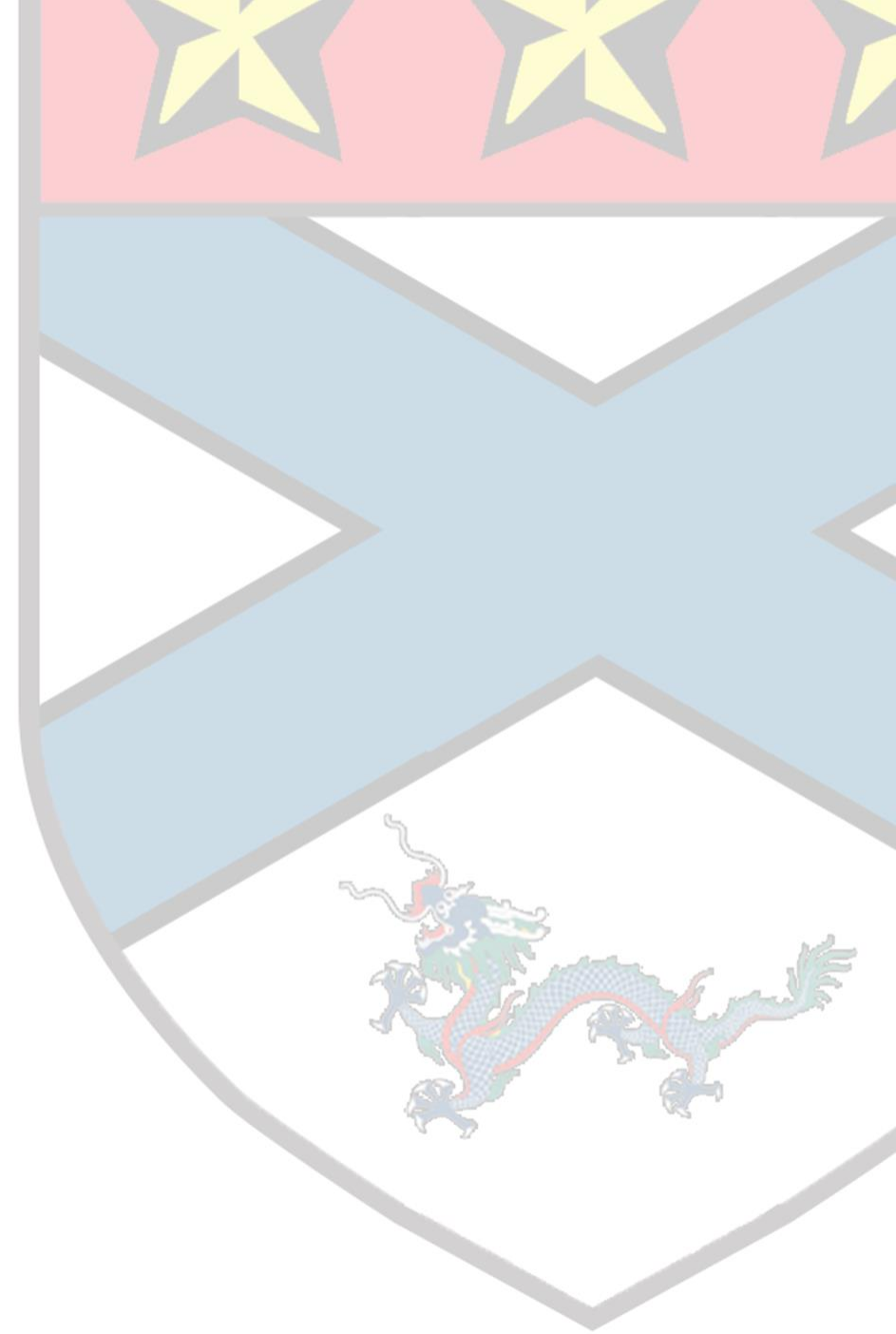


Syntax of Markdown

Brief View of Markdown

- Numbered List

- Use `n.` or `1.`
- E.g.
- `1.` line 1
- `2.` line 2
- `3.` line 3
- `1.` line 1
- `1.` line 2
- `1.` line 3





Syntax of Markdown

Brief View of Markdown

- Link

- Use `[Name](URL)` or `<URL>` or `[Name][Tag] ... [Tag]: URL`
- E.g.
- `[GitHub](https://github.com)`
- `<https://github.com>`
- `<!-- Equivalent to https://github.com -->`

- Image

- Use `![Name](URL)` or `![Name][Tag] ... [Tag]: URL`
- E.g.
- `![GitHub's Logo](https://github.com/favico.ico)`



Syntax of Markdown

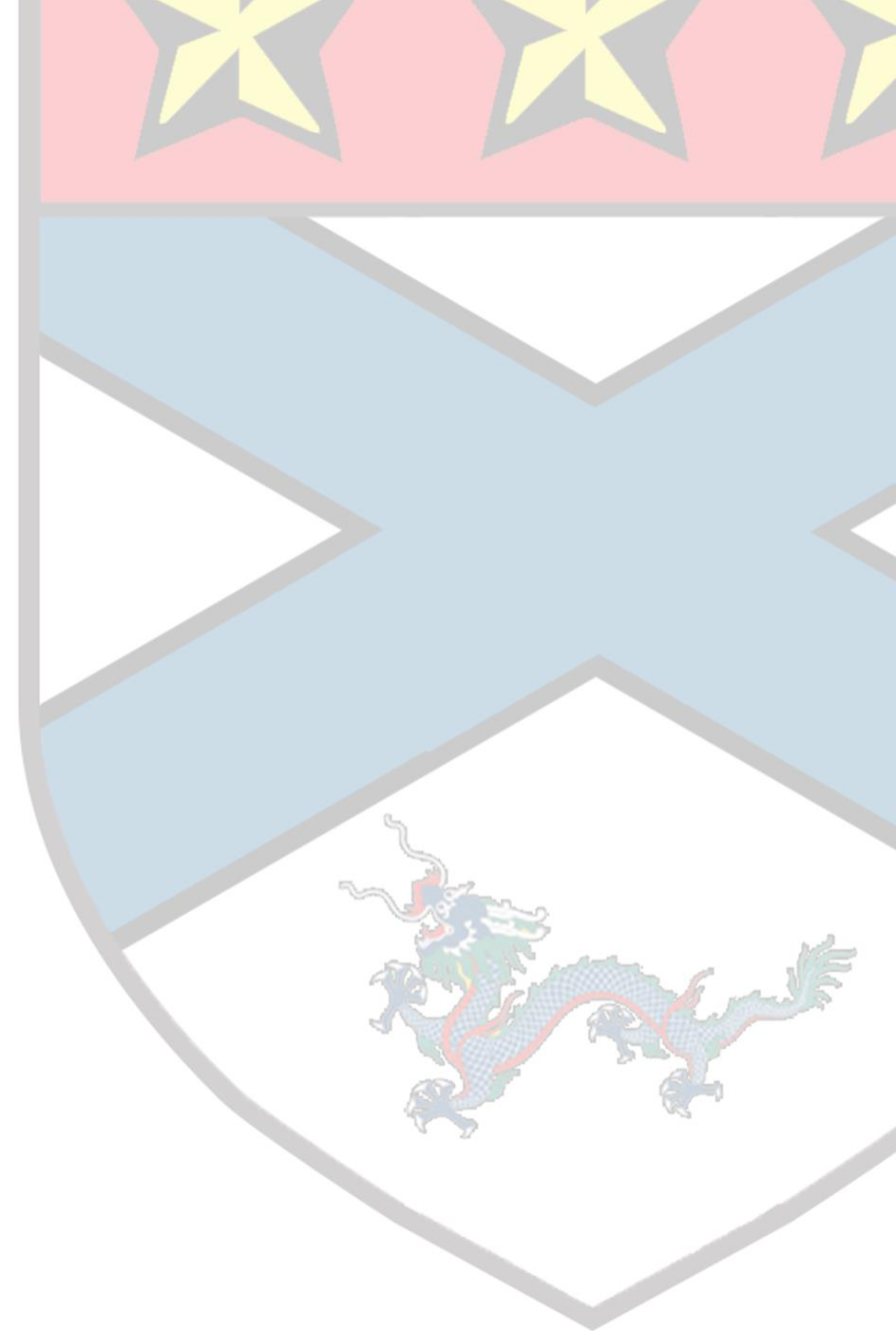
Brief View of Markdown

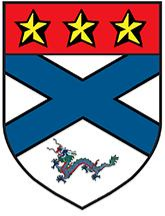
- Sheet

- Will look like:

- | Column 1 | Column 2 | Column 3 | ... |
|----------|----------|----------|-----|
| ----- | :----- | -----: | - |
| Row 1 | Row 1 | Row 1 | - |
| Row 2 | Row 2 | Row 2 | - |
| Row N | Row N | Row N | - |

- ----- or :----- or -----: or :-----:?





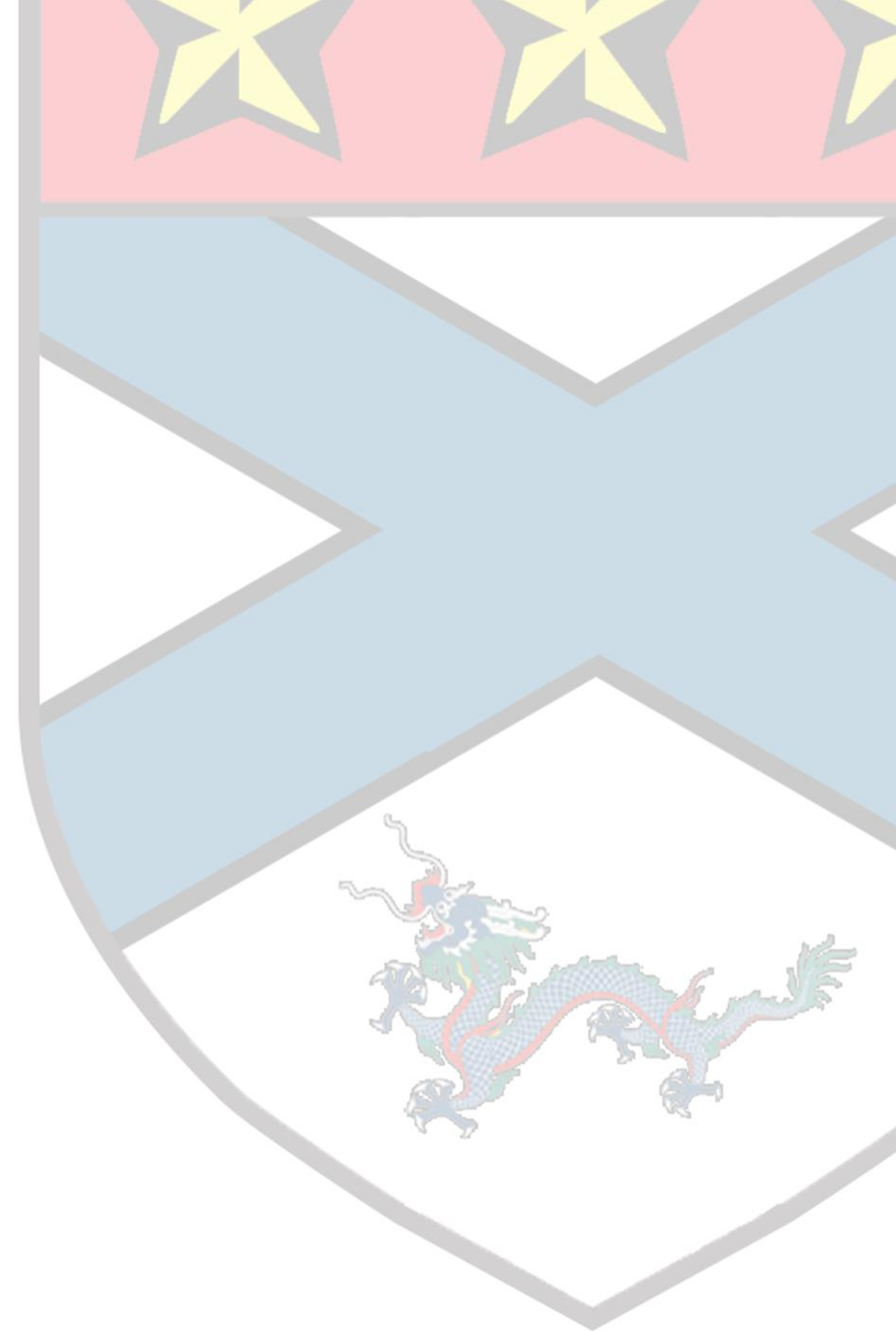
Syntax of Markdown

Brief View of Markdown

- Code block
 - ``` pair or `code`.
 - E.g.
 - `for` is a keyword in Java
 - ```csharp

```
public static int AddOne(int i)
    => i + 1;
    
```

```
- Separate Line
  - ---

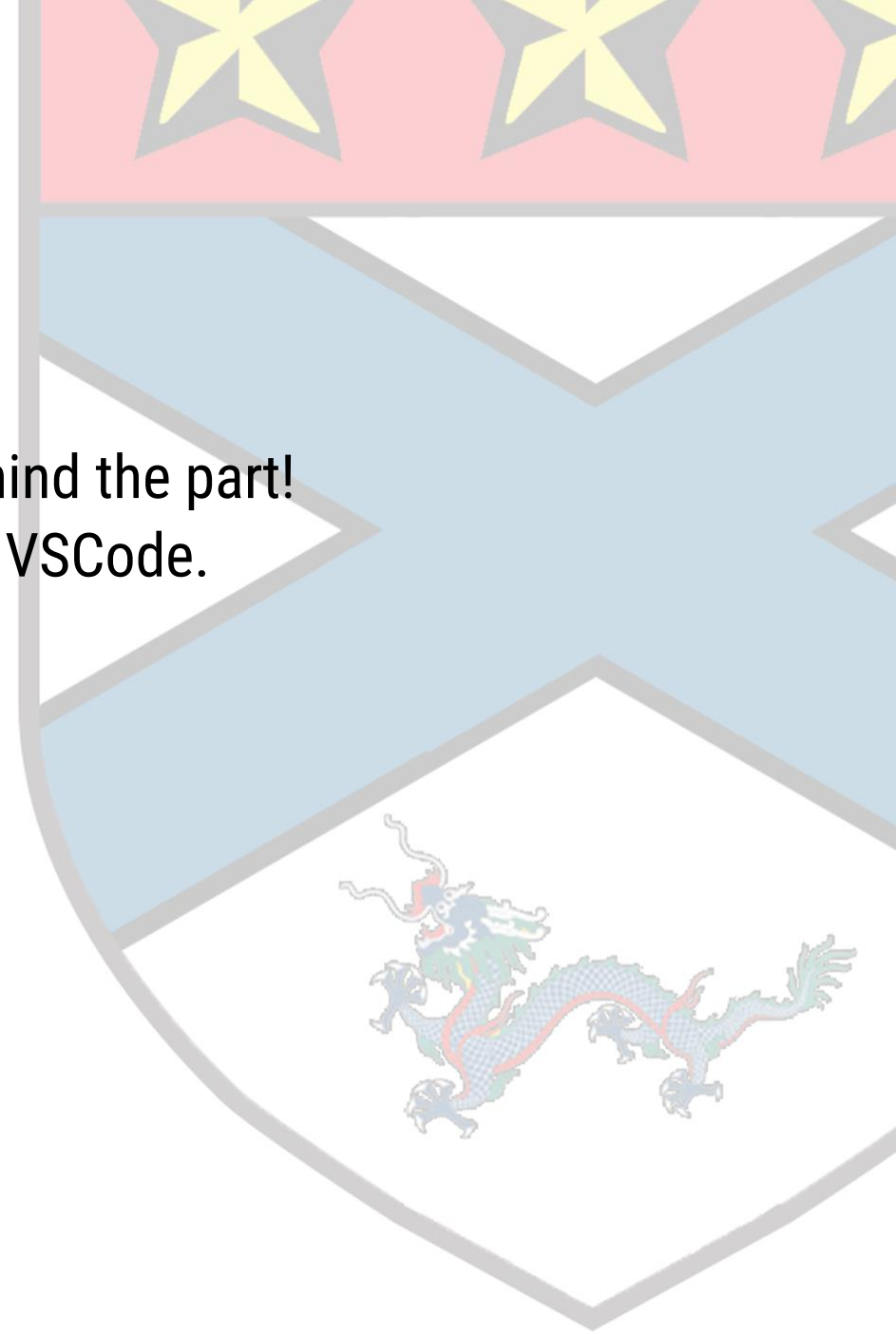




# Syntax of Markdown

*Brief View of Markdown*

- Next Line!
  - Add double space after the line, or, add a new line behind the part!
  - Attention! This is not the same! Will show in Typora & VSCode.





# Syntax of Markdown

*Brief View of Markdown*

- Extra Syntax
  - Like – [ ] in GFM means checkbox
  - Some editors also support TeX. Like Typora, VSCode, etc.
  - Some also can draw diagrams, e.g. Typora





# References

*Brief View of Markdown*

- CommonMark (2021) '*Markdown Reference*', Available: <https://commonmark.org/help/> [Last Accessed: 03/12/2021]
- GitHub (2019) '*GitHub Flavored Markdown Spec*', Available: <https://github.github.com/gfm/> [Last Accessed: 01/12/2021]
- Wikipedia (2021) '*Markdown - Wikipedia*', Available: <https://en.wikipedia.org/wiki/Markdown> [Last Accessed: 03/12/2021]





# Thank you for watching.

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