

Markdown

Document

- Documents are fundamental artifacts in software development
 - Requirements
 - Design
 - Manual, etc.
- Tool/Format
 - MS Office documents
 - Markdown

Markdown

- A lightweight markup language
- Minimum specifications
 - headline (chapter/section/subsection)
 - Itemize
- Easy to write source codes
- Easy to write URL links

Headline

Headline level: the number of #

Chapter

Section

Subsection

Itemize

Items: Lines beginning with -

- Item 1
 - Item 1.1
 - Item 1.1.1
 - Item 1.1.2
 - Item 1.2
- Item 2
- Item 3

Codes

Block of codes: The block surrounded by three backquotes

```
```c
#include <stdio.h>

main() {
 printf("Hello\n");
}
```
```

Links

- URL links (external links)

```
[text](URL)
```

- Image links

```
![alt text](URL)
```

Tables

- Tables in Markdown are created using pipes (|) and dashes (-).
- The first row defines the headers.
- The second row sets the alignment.
- The following rows contain the table data.

```
Header 1	Header 2
Cell 1	Cell 2
```

You can align columns using colons (:):

```
Left	Center	Right
a	b	c
```

This renders as:

| Left | Center | Right |
|-------------|---------------|--------------|
| a | b | c |

Ohters

- Google it
- Ask it to ChatGPT

Summary

- Markdown is a lightweight markup language
 - Easy to write documents
 - Easy to write code snippets
 - Easy to write URL links
 - Easy to write images
 - Easy to write tables
 - etc.