Programming Tutor Note - Markdown
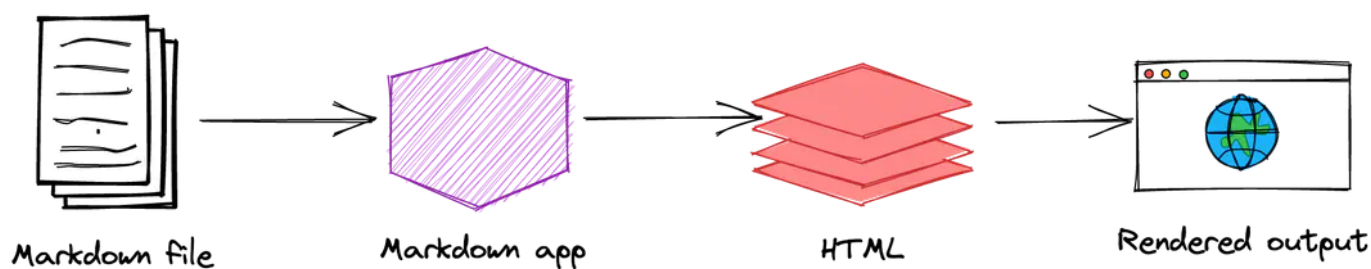
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What is Markdown

Markdown is a lightweight markup language that you can use to add formatting elements to plaintext text documents

Advantage of using Markdown

- Markdown can be used for everything. People use it to create websites, documents, notes, books, presentations, email messages, and technical documentation.
- Markdown is portable. Files containing Markdown-formatted text can be opened using virtually any application. If you decide you don't like the Markdown application you're currently using, you can import your Markdown files into another Markdown application. That's in stark contrast to word processing applications like Microsoft Word that lock your content into a proprietary file format.
- Markdown is platform independent. You can create Markdown-formatted text on any device running any operating system.
- Markdown is future proof. Even if the application you're using stops working at some point in the future, you'll still be able to read your Markdown-formatted text using a text editing application. This is an important consideration when it comes to books, university theses, and other milestone documents that need to be preserved indefinitely.
- Markdown is everywhere. Websites like Reddit and GitHub support Markdown, and lots of desktop and web-based applications support it.

How markdown works

(image from https://www.markdownguide.org/getting-started/)

1. Markdown file (.md) -> Markdown App
2. Markdown App then can generate rendered document based on Markdown syntax

Markdown is a fast and easy way to take notes, create content for a website, and produce print-ready documents.

Markdown Apps

There are many markdown editors. Some of the recommended editors are below
(Note: One of the most confusing aspects of using Markdown is that practically every Markdown application implements a slightly different version of Markdown. These variants of Markdown are commonly referred to as flavors. It's your job to master whatever flavor of Markdown your application has implemented. Hence, also

check the documentation of your chosen Markdon editor)

- Typora (Windows/Linux/MacOS)
- Bear (MacOS/iOS)
- Visual Studio Code MarkDown Extension (Windows/Linux/MacOS)
- iA Writer (Android/iOS)

For more detailed recommendations base on useages, check below

- **Document**
  https://www.markdownguide.org/getting-started/#documents
- **Notes**
  https://www.markdownguide.org/getting-started/#notes
- **Books**
  https://www.markdownguide.org/getting-started/#books
- **Presentations**
  https://www.markdownguide.org/getting-started/#presentations
- **Email**
  https://www.markdownguide.org/getting-started/#email
- **Collaboration**
  https://www.markdownguide.org/getting-started/#collaboration
- **Documentation**
  https://www.markdownguide.org/getting-started/#documentation

Basic Syntax of Markdown

https://www.markdownguide.org/basic-syntax/

Links for getting start on Markdown

https://en.wikipedia.org/wiki/Markdown

https://www.markdownguide.org/getting-started/