1. How to create Readme.md file in VS Code, load images in Markdown and best Markdown extensions

1.1 What is a README.md file? 😄

README is a documentation file that usually contains a plain text file. It is a documentation directory that contains your project description and information about your project.
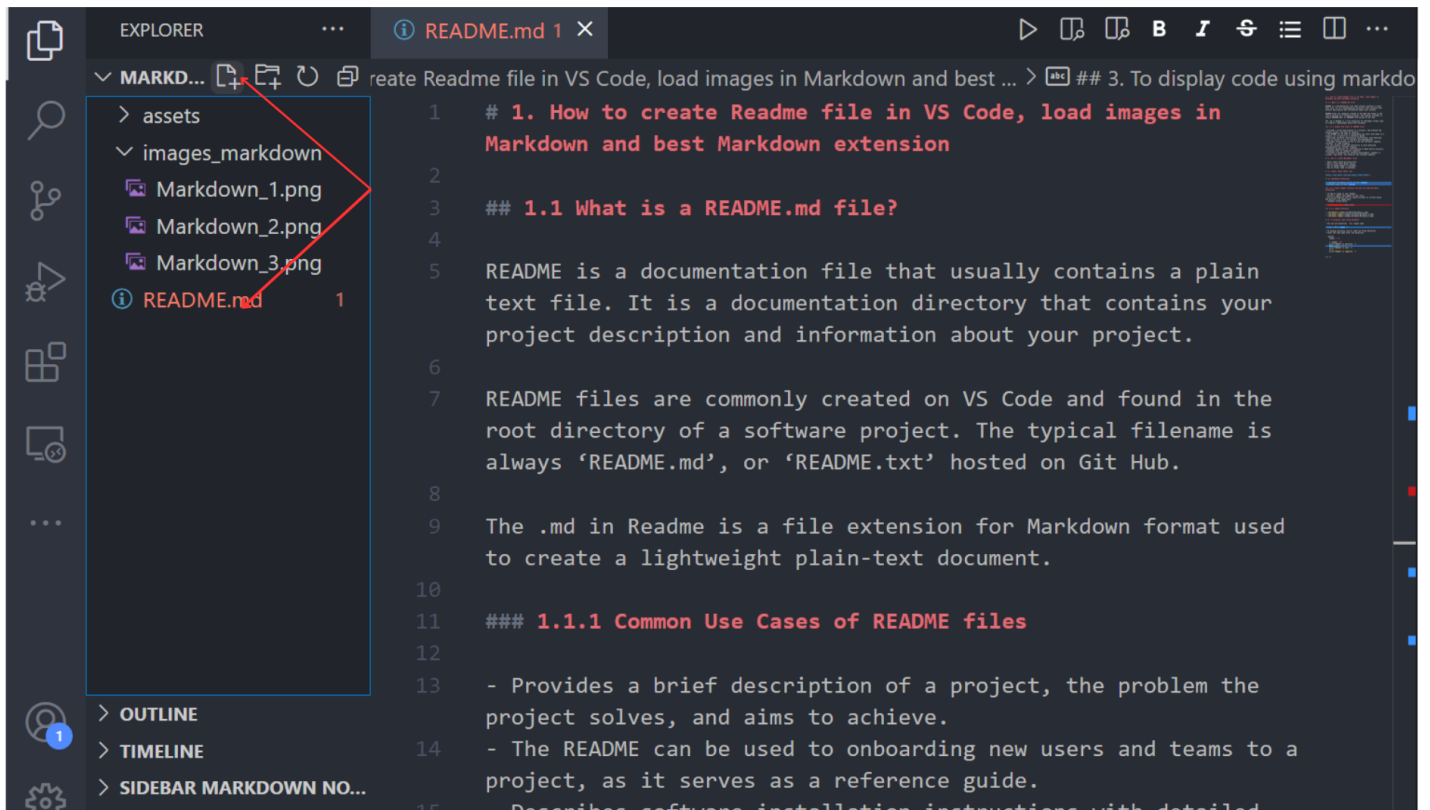
README files are commonly created on VS Code and found in the root directory of a software project. The typical filename is always 'README.md', or 'README.txt' hosted on Git Hub.

The .md in Readme is a file extension for Markdown format used to create a lightweight plain-text document.

1.1.1 Common Use Cases of README files

- Provides a brief description of a project, the problem the project solves, and aims to achieve.
- The Readme.md can be used to onboarding new users and teams to a project, as it serves as a reference guide.
- Describes software installation instructions with detailed steps to install a set of software and dependencies.
- Provides instructions on how to use new software, updates, syntaxes, or code snippets.
- It can contain links and references to more detailed documentation for further reading.
- Document guidelines for contributing to Open-Source projects, including links to community channels.
- Provides a guideline for software development, changes in tickets, bug fixes, new features and relevant updates.

2. How to create Readme.md (Markdown file) on VS Code 🙂

To view your Readme Markdown after installing the markdown extensions on the images below, right click on your Readme and select *Markdown Readme Enhanced* . This opens your README.md preview on another page.

- Emoji Cheat Sheet 💿
- How to write mark downs syntax 💿
- How to embed images in markdown 💿
- How to format code in markdown 💿
- How to export Readme Markdown into HTML, PDF etc 💿

2.1 Emoji Cheat Sheet link 😄

https://www.webfx.com/tools/emoji-cheat-sheet/

2.2 Markdown Extensions
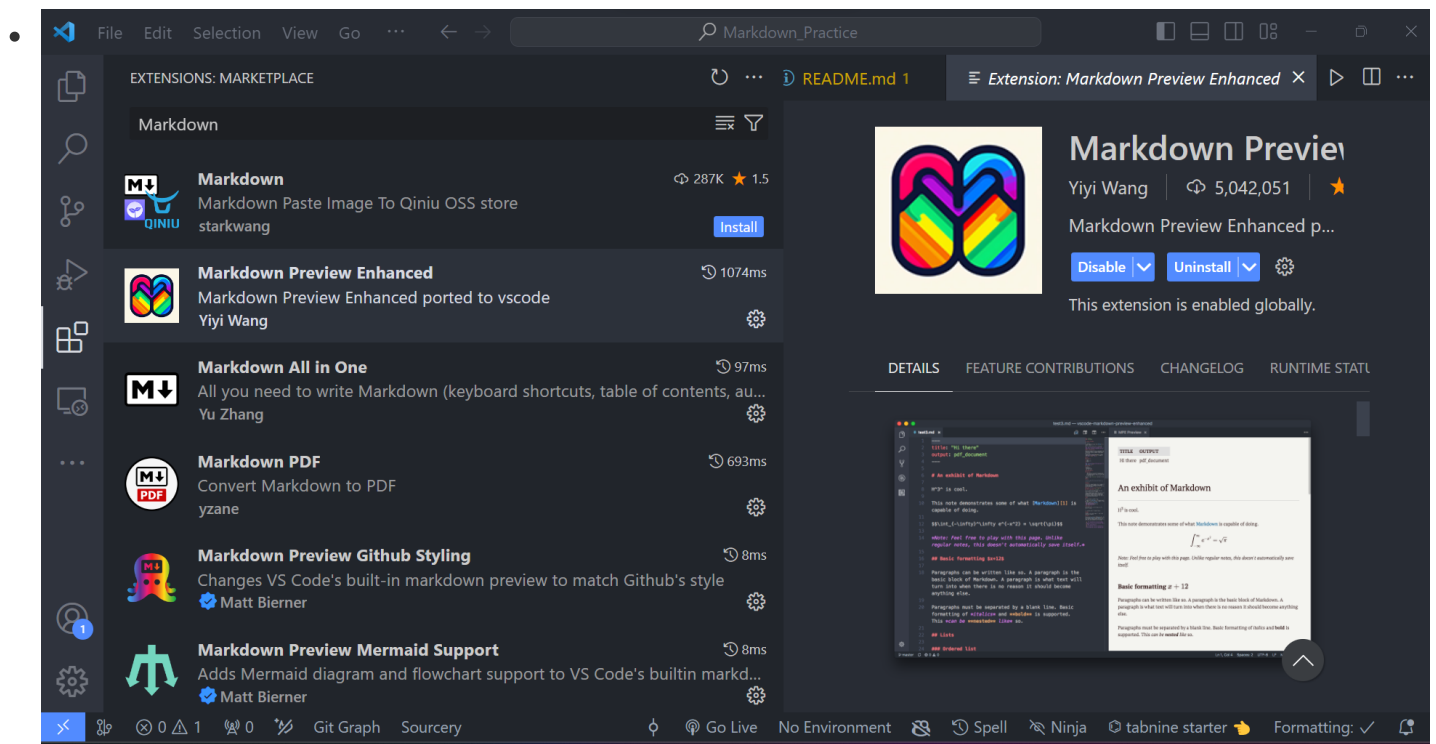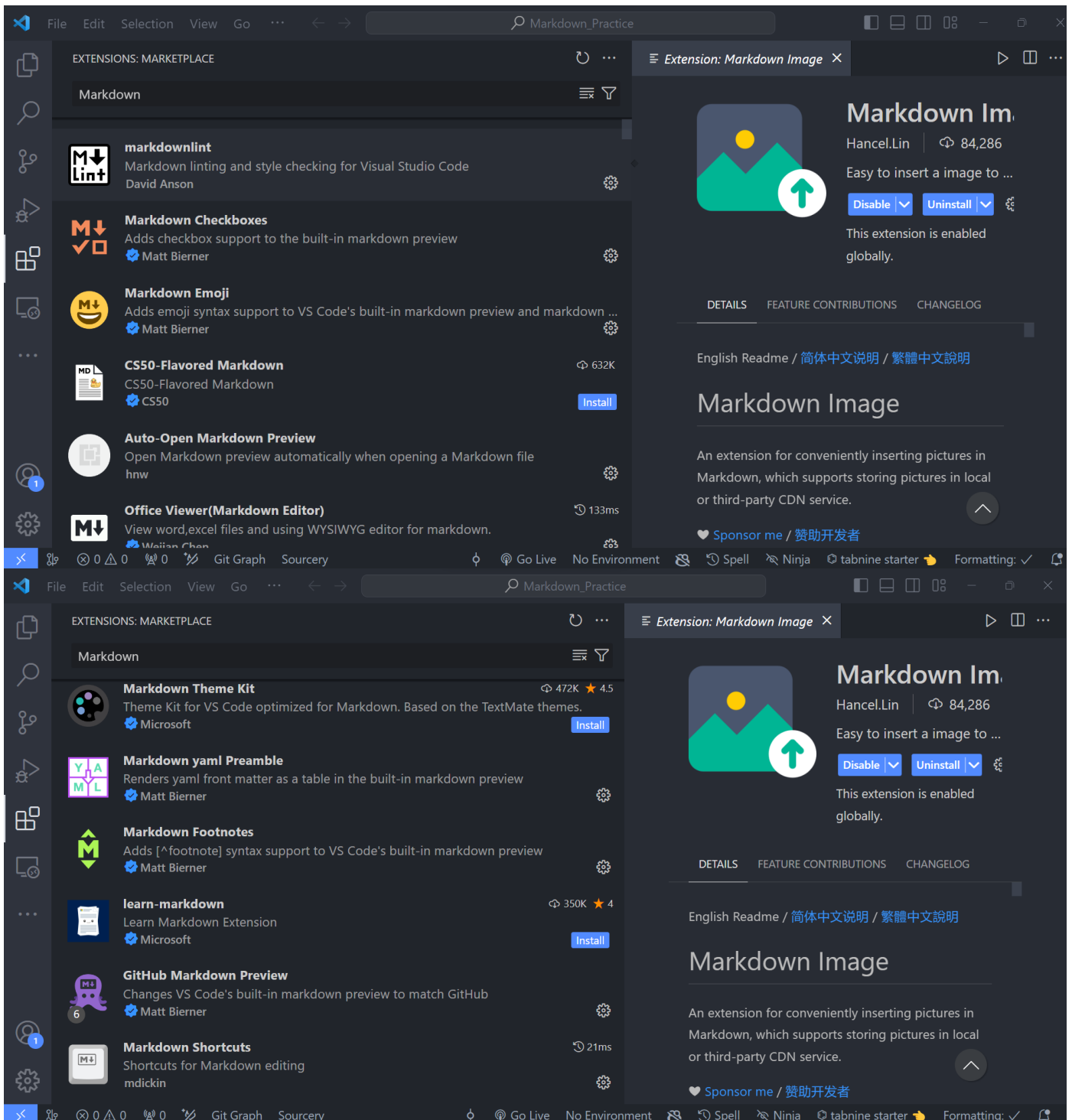
- *github* markdown preview by Matt Briener

- Markdown Emoji by Matt Briener

2.2.1 These images contains the best VS Code Markdown extensions

- To add an image on your Readme.
- Firstly, import the images on your file.
- Use an exclamation mark in square bracket as written below and declare a an image path.
  -Example stated below:
- ![Alternate text](image path)

2.2.3 Image Extension

3. To display code using markdown

- You can use backticks ``for single code.

print ("Hello Bafor ")

- To display multiply line of code use three backticks
- State the code name after the backticks.

```
number = -4

if number > 0:
print("Number is positive. ")
elif number == 0:
print("Number is zero. ")
else:
print("Number is negative. ")
```

4 . Export Readme Markdown into HTML or PDF files