# DWA_03.4 Knowledge Check_DWA3.1

1. Please show how you applied a Markdown File to a piece of your code

```
DWA3 > M↓ Check1.md > ⌨ # Calander App
 1   <!-- omit in toc -->
 2   # Calander App
 3
 4   This Easy Reminder app is designed to be incredibly simple and user-friendly, with a strong emphasis on delivering just the essential functionality
     required for setting reminders and receiving timely notifications. We've stripped away the complexity to create an app that helps users remember their
     tasks and appointments without any unnecessary fuss. With features like setting one-time or repeating reminders, adding helpful notes, and ensuring
     you never miss an important event, our Easy Reminder app offers a clean and straightforward interface. It strikes the perfect balance between
     simplicity and functionality, making it the ideal choice for users who want a hassle-free way to stay organized and on top of their tasks.
 5
 6   <!-- omit in toc -->
 7   ## Table of content
 8
     Table of Contents (up to date)
 9   - [features](#features)
10   - [Requirements:](#requirements)
11   - [Getting Started](#getting-started)
12
13
14   ## features
15
16   - 💚 Simple and user-friendly
17   - 🙌 Minimal Functionality
18   - 📅 Setting One-time or Repeating reminders
19   - ✍️ Adding notes
20
21
22   ## Requirements:
23
24   An IDE Like Visual [Studio Code](https://code.visualstudio.com/download).
25   Basic [HTML, CSS and JavaScript skills](https://www.freecodecamp.org/news/html-css-and-javascript-explained-for-beginners/)
26   a Browser such as [Chrome](https://www.google.com/chrome/)
27
28   ## Getting Started
29
30   Run localhost server
```

## Calander App

This Easy Reminder app is designed to be incredibly simple and user-friendly, with a strong emphasis on delivering just the essential functionality required for setting reminders and receiving timely notifications. We've stripped away the complexity to create an app that helps users remember their tasks and appointments without any unnecessary fuss. With features like setting one-time or repeating reminders, adding helpful notes, and ensuring you never miss an important event, our Easy Reminder app offers a clean and straightforward interface. It strikes the perfect balance between simplicity and functionality, making it the ideal choice for users who want a hassle-free way to stay organized and on top of their tasks.

## Table of content

- features
- Requirements:
- Getting Started

## features

- 💚 Simple and user-friendly
- 🙌 Minimal Functionality
- 📅 Setting One-time or Repeating reminders
- ✍️ Adding notes

## Requirements:

An IDE Like Visual Studio Code. Basic HTML, CSS and JavaScript skills a Browser such as Chrome

## Getting Started

Run localhost server

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2. Please show how you applied JSDoc Comments to a piece of your code.
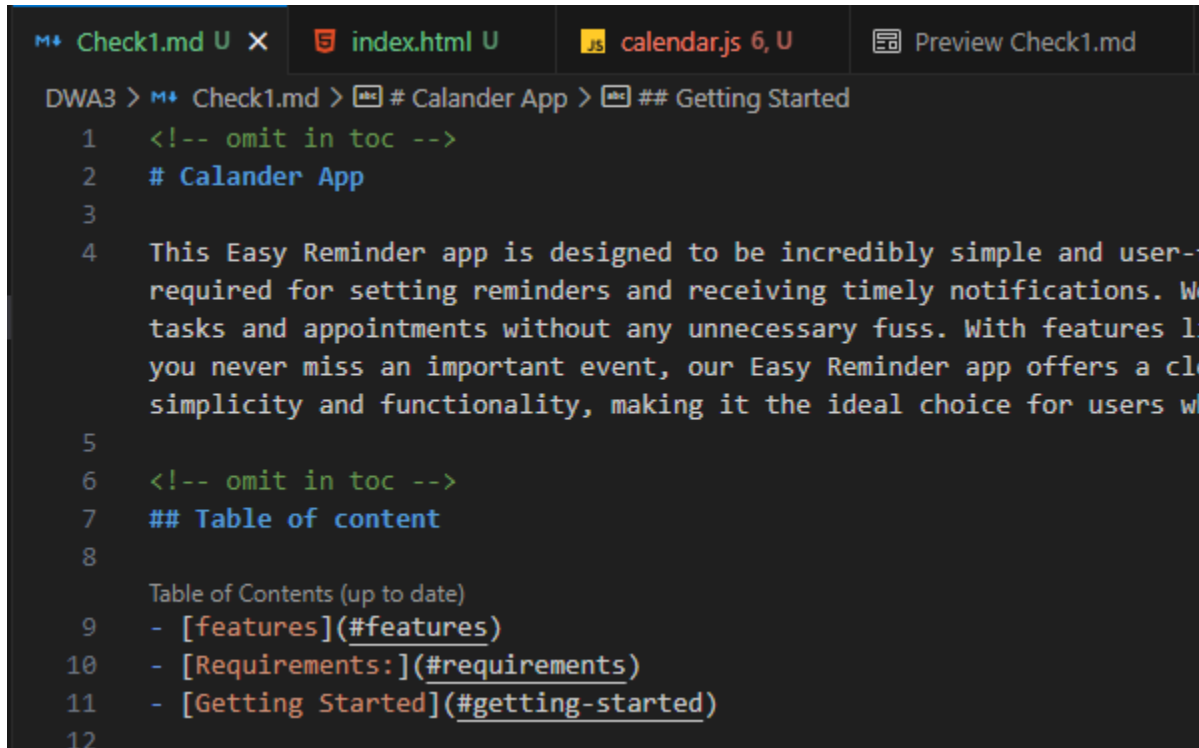
```
Check1.md U    index.html U    calendar.js U ×    Preview Check1.md

DWA3 > JS calendar.js > ...
   1    /**
   2     * @typedef {Object} Event
   3     * @property {string} date - The date of the event in YYYY-MM-DD format.
   4     * @property {string} event - The event description.
   5     */
   6
●  7    /**
   8     * Add an event to the calendar.
   9     * @function
  10     * @returns {void}
  11     */
  12    function addEvent() {
  13        /**
  14         * Prompt the user for event details.
  15         * @type {string}
  16         */
  17        const date = prompt("Enter date (YYYY-MM-DD):");
  18
  19        /**
  20         * Prompt the user for event details.
  21         * @type {string}
  22         */
  23        const event = prompt("Enter event:");
  24
  25        if (!date || !event) {
  26            alert("Please provide a valid date and event.");
  27            return;
  28        }
  29
  30        if (!events[date]) {
  31            events[date] = [event];
  32        } else {
  33            events[date].push(event);
  34        }
  35
  36        alert("Event added successfully!");
  37    }
```

_____

3. Please show how you applied the @ts-check annotation to a piece of your code.

```js
// @ts-check

/**
 * @typedef {Object} Event
 * @property {string} date - The date of the event in YYYY-MM-DD format.
 * @property {string} event - The event description.
 */

/**
 * Add an event to the calendar.
 * @function
 * @returns {void}
 */
function addEvent() {
    /**
     * Prompt the user for event details.
     * @type {string}
     */
    const date = prompt("Enter date (YYYY-MM-DD):");
```

4. As a BONUS, please show how you applied any other concept covered in the 'Documentation' module.

```
M↓ Check1.md U  ✕      🔴 index.html U        JS calendar.js 6, U        🔲 Preview Check1.md

DWA3 > M↓ Check1.md > ▣ # Calander App > ▣ ## Getting Started
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  12
```

In my Markdown "Md" File I made use of a markdown concept explained by Schalk that allows me to pull a TOC (Table of content) to my Readme file that would allow for easier navigation between my section, and can be extremely useful when the file gets a little too long.