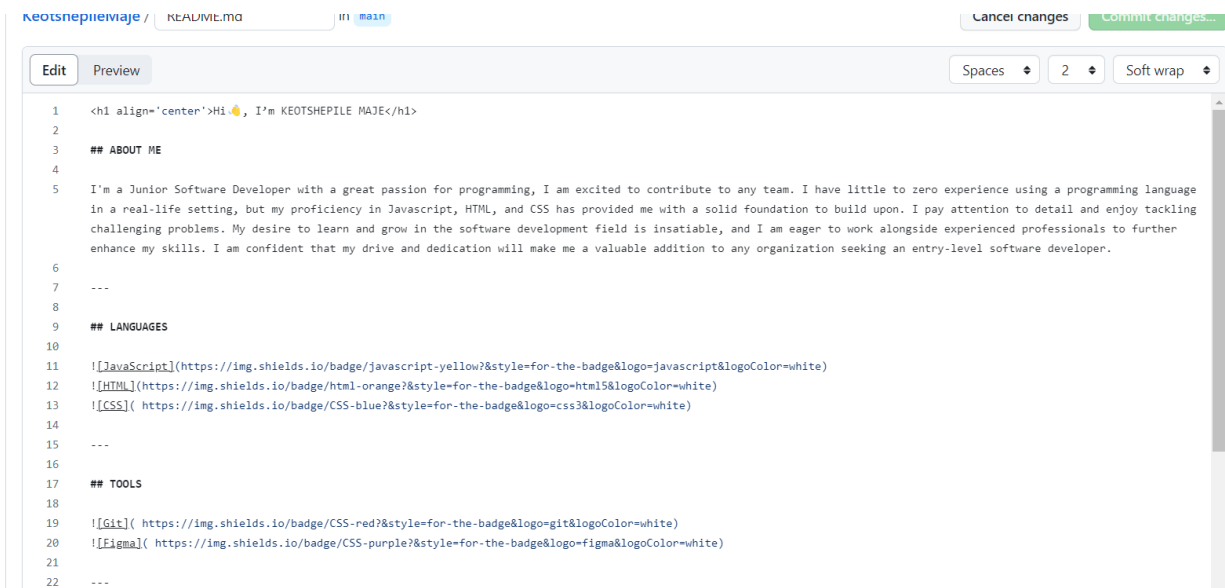


DWA_03.4 Knowledge Check_DWA3.1

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



The screenshot shows a GitHub repository editor for a file named `README.md` in the `main` branch. The editor has tabs for `Edit` and `Preview`, with `Edit` selected. On the right, there are controls for `Spaces` (set to 2) and `Soft wrap`. The code content is as follows:

```
1 <h1 align='center'>Hi 🙋, I'm KEOTSHEPILE MAJE</h1>
2
3 ## ABOUT ME
4
5 I'm a Junior Software Developer with a great passion for programming, I am excited to contribute to any team. I have little to zero experience using a programming language
6 in a real-life setting, but my proficiency in Javascript, HTML, and CSS has provided me with a solid foundation to build upon. I pay attention to detail and enjoy tackling
7 challenging problems. My desire to learn and grow in the software development field is insatiable, and I am eager to work alongside experienced professionals to further
8 enhance my skills. I am confident that my drive and dedication will make me a valuable addition to any organization seeking an entry-level software developer.
9
10 ---
11
12 ## LANGUAGES
13
14 ![JavaScript](https://img.shields.io/badge/javascript-yellow?style=for-the-badge&logo=javascript&logoColor=white)
15 ![HTML](https://img.shields.io/badge/html-orange?style=for-the-badge&logo=html5&logoColor=white)
16 ![CSS](https://img.shields.io/badge/CSS-blue?style=for-the-badge&logo=css3&logoColor=white)
17
18 ---
19
20 ## TOOLS
21
22 ![Git](https://img.shields.io/badge/Git-red?style=for-the-badge&logo=git&logoColor=white)
23 ![Figma](https://img.shields.io/badge/Figma-purple?style=for-the-badge&logo=figma&logoColor=white)
```

I used Markdown on my profile to display information for visitors to my profile to see.
I used a mixture of Markdown language and HTML.

2. Please show how you applied JSDoc Comments to a piece of your code.

I created a function that returns a number and the total of the two added numbers can't be greater than 50.

```

1  /**
2   * The adds the two number together and the total must not be more than 50
3   * @param {number} num1
4   * @param {number} num2
5   * @returns {number}
6   * @prop {number} Total
7   */
8
9  const totalNum = (num1, num2) => {
10     return num1 + num2
11  }
12
13  const Total = totalNum(39,32)
14  if (Total >= 50) {
15     console.log('Number is too high')
16  } else {
17     console.log(Total)
18  }
19
20

```

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

```

1
2  /**
3   * @typedef {object} book - An object that will add the book that the user want
   to read.
4   * @prop {string} title - The title of the book to be read.
5   * @prop {Date} readBefore - The date that the user must have read the book.
6   * @prop {string} author - The name of the person that wrote the book.
7   * @prop {number} numberOfPages
8   */
9
10  //@ts-check
11
12  /**@type {book} */
13
14  const book = {
15     title: 'Rich Dad, Poor Dad',
16     author: 'Robert Kiyosaki',
17     readBefore: new Date(12/23/2023),
18     numberOfPages: 121
19  }

```

The @ts-check checks and make sure that the properties in the code above are the correct type

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