


# DWA\_03.4 Knowledge Check\_DWA3.1

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

① README.md X


C: > Users > mecae > OneDrive > Documents > Software Development > Phase 3 > ① README.md >  ## Adding numbers

```
1  ## Adding numbers
2
3  ```javascript
4  /**
5   * Calculates the sum of two numbers
6   *
7   * @param {number} - num1 is added first
8   * @param {number} - num2 is added second
9   * @return {number} - returns the two sums
10  *
11  */
12
13  const addNumbers = (num1, num2) => {
14      return num1 + num2
15  }
16
17  console.log(addNumbers(4,5)) // Output = 9
```

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

```
① README.md TS Untitled-1.ts X
C: > Users > mecae > OneDrive > Documents > Software Development > Phase 3 > TS Untitled-1.ts > ...
1  /**
2   *Calculates the sum of two numbers
3   *
4   * @param {number} ... num1 is added first
5   * @param {number} ... num2 is added second
6   * @return {number} - returns the two sums
7   *
8   */
9  const addNumbers = (num1, num2) => {
10 |    return num1 + num2
11 |  }
12
13  console.log (addNumbers (4, 5)) // Output = 9
```

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

```
① README.md TS Untitled-1.ts JS script.js 2 X
C: > Users > mecae > OneDrive > Documents > Software Development > Phase 3 > JS script.js
1  // @ts-check
2
3  /**
4   * Calculates the sum of two numbers
5   *
6   * @param {number} num1 - is added first.
7   * @param {number} num2 - is added second.
8   * @return {number} returns the two sums.
9   *
10 |  */
11  const addNumbers = (num1, num2) => {
12 |    return num1 + num2
13 |  }
14  
15  console.log (addNumbers (4, 5)) // Output = 9
```

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

```
① README.md  TS Untitled-1.ts  JS script.js 2  JS test.js 1 X

C: > Users > mecae > OneDrive > Documents > Software Development > Phase 3 > JS test.js > [e] student
1  // @ts-check
2
3  /**
4   * Student
5   * @typedef {object} Student
6   * @prop {number} id - student ID
7   * @prop {string} name - student name
8   * @prop {number} age - student age
9   * @prop {boolean} progressed - true or false
10  */
11
12 /**
13  * @type {student}
14  */
15 const student = {
16   id: 267,
17   name: 'Adsm Mane',
18   age: 16,
19   progressed: 'yes' // Expected to be true or false
20 }
```