

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

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

```
① README.md > ## Description
1  ## Description
2  The following function adds 2 numbers together
3
4  # Requirements
5  An IDE like [VScode](https://code.visualstudio.com/download)
6  A browser to run the code such as
7  🍌 🍌 🍌 🍌
8  [Chrome]
9  [Safari]
10 [Microsoft_Edge]
11
```

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

```
JS script.js  X  ① README.md
JS script.js > ...
1
2  /**
3   *
4   * @param {number} num1 -first number
5   * @param {number} num2 -second number that is added to num1
6   * @returns {number}
7   */
8
9  function addNumbers(num1,num2){
10     return num1 + num2
11 }
12 const result = addNumbers(6,5)
13 console.log(result)  11
```

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

```
JS script.js > ...
1  //@ts-check
2  /**
3   *
4   * @param {number} num1 -first number
5   * @param {number} num2 -second number that is added to num1
6   * @returns {number}
7   */
8
9  function addNumbers(num1,num2){
10     return num1 + num2
11  }
12  const result = addNumbers(6,"five")
13  console.log(result)
```

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

JS script2.js > ...

```
1  /**
2   * @typedef {object} student
3   * @property {number} id
4   * @property {string} name
5   * @property {string} surname
6   * @property {boolean} pass
7   */
8
9  /**
10   * @type {student}
11   */
12  const student = {
13     id:12345,
14     name:"Siyathemba",
15     surname:"Didi",
16     pass: true
17  }
18  console.log(student.pass)  true
```

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