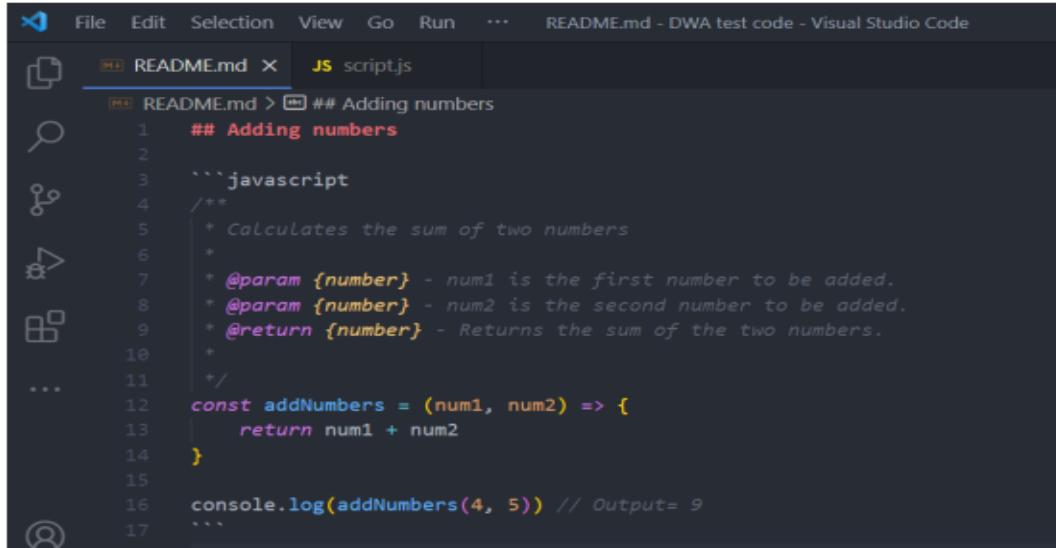


# DWA\_03.4 Knowledge Check\_DWA3.1

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

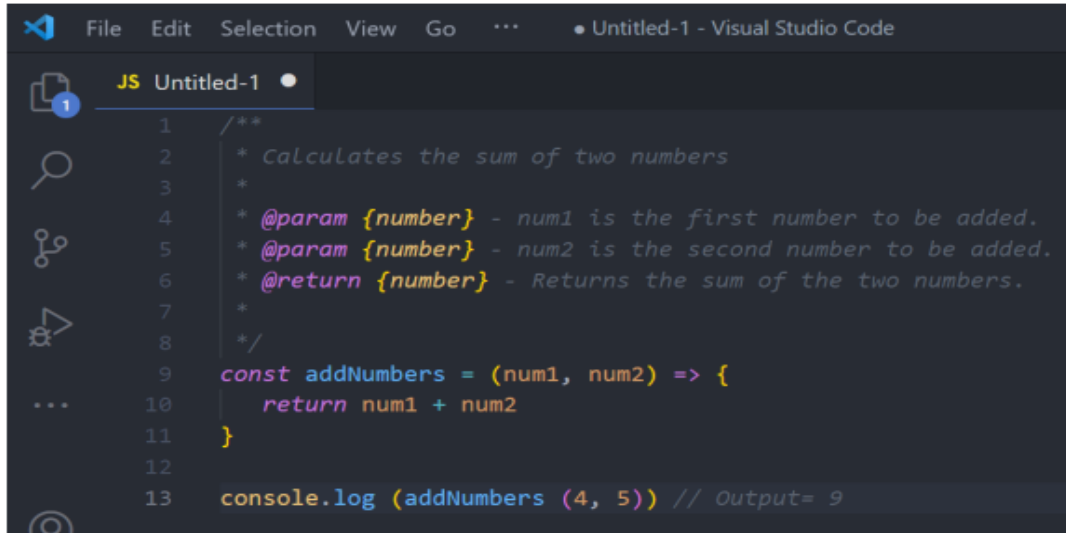


```
File Edit Selection View Go Run ... README.md - DWA test code - Visual Studio Code

README.md x JS script.js

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

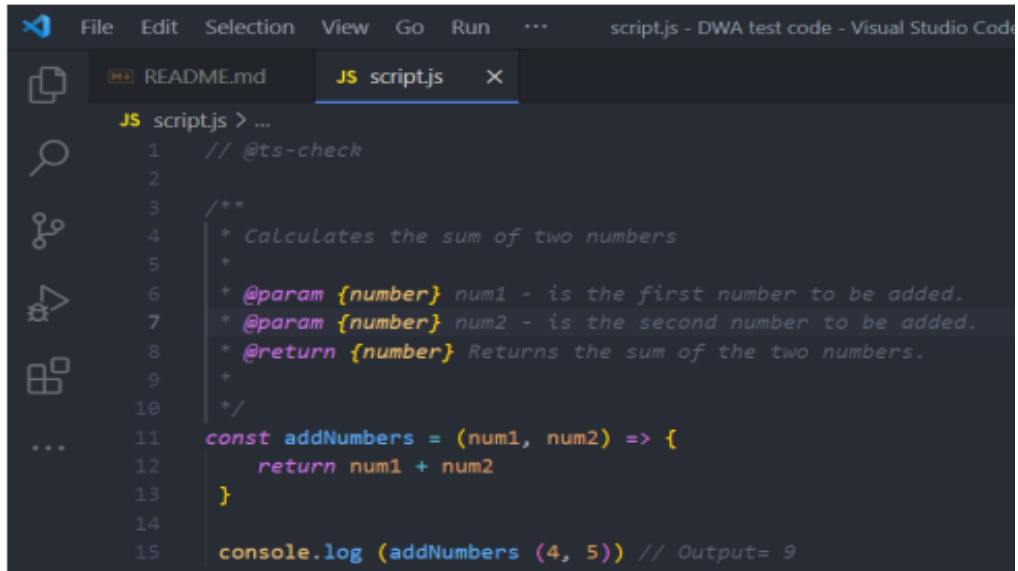
2. Please show how you applied JSDoc Comments to a piece of your code.



```
File Edit Selection View Go ... • Untitled-1 - Visual Studio Code

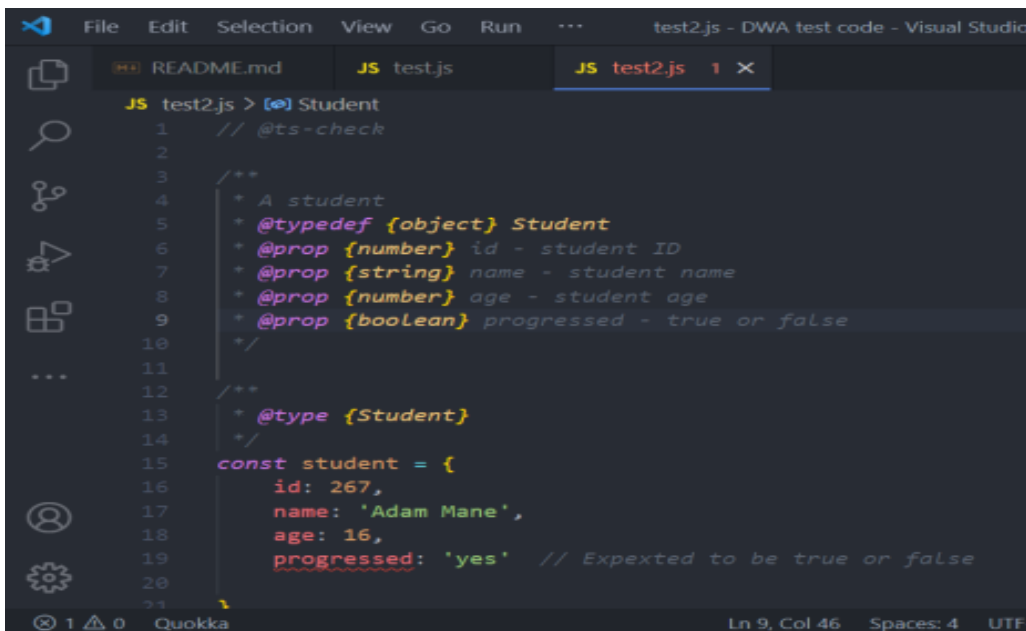
JS Untitled-1 •
1  /**
2   * Calculates the sum of two numbers
3   *
4   * @param {number} - num1 is the first number to be added.
5   * @param {number} - num2 is the second number to be added.
6   * @return {number} - Returns the sum of the two numbers.
7   *
8   */
9  const addNumbers = (num1, num2) => {
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 // @ts-check
2
3 /**
4  * Calculates the sum of two numbers
5  *
6  * @param {number} num1 - is the first number to be added.
7  * @param {number} num2 - is the second number to be added.
8  * @return {number} Returns the sum of the two numbers.
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 // @ts-check
2
3 /**
4  * A 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: 'Adam Mane',
18   age: 16,
19   progressed: 'yes' // Expected to be true or false
20 }
```

