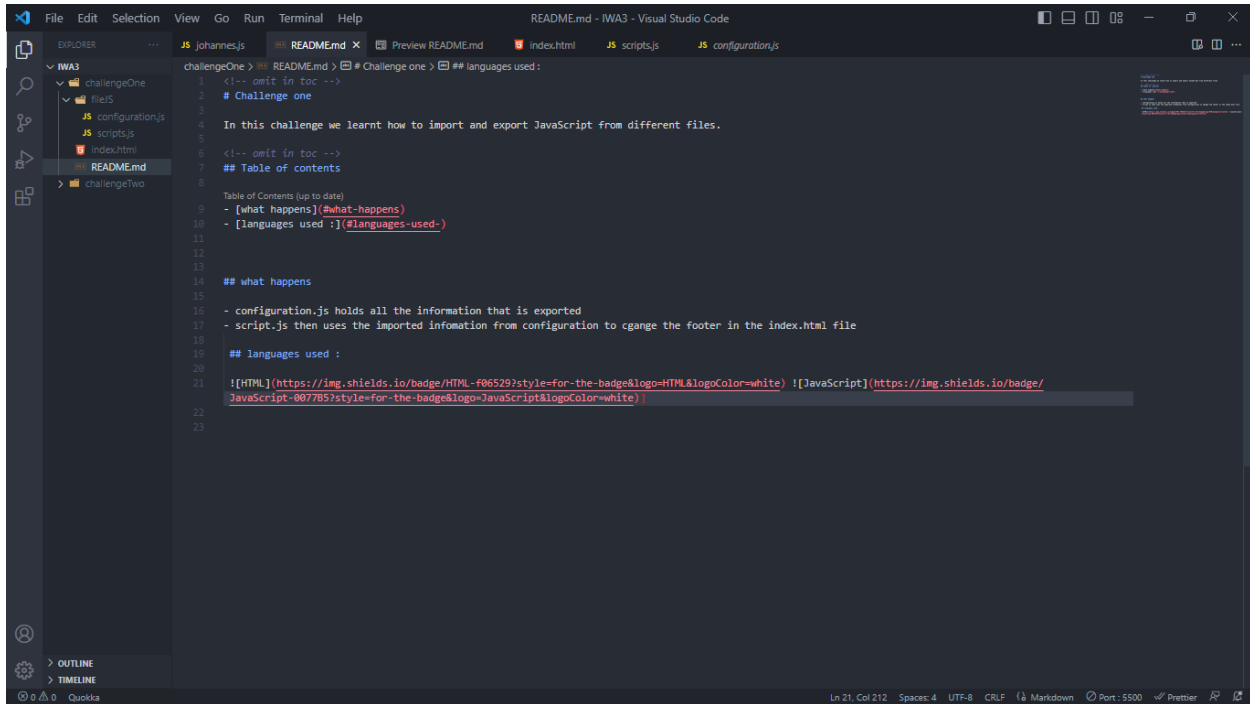


DWA_03.4 Knowledge Check_DWA3.1

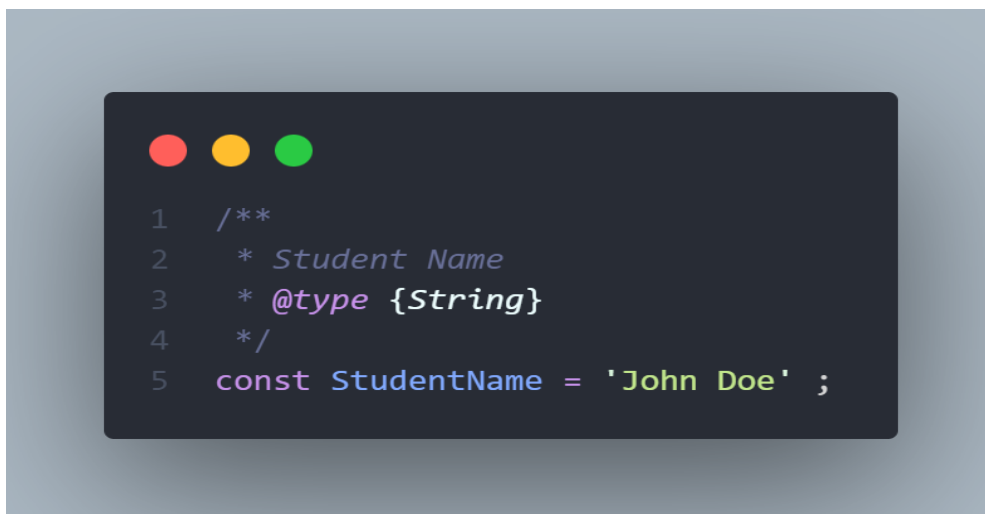
1. Please show how you applied a Markdown File to a piece of your code.



The screenshot shows the Visual Studio Code editor with a README.md file open. The file contains the following Markdown content:

```
1 <!-- omit in toc -->
2 # Challenge one
3
4 In this challenge we learnt how to import and export JavaScript from different files.
5
6 <!-- omit in toc -->
7 ## Table of contents
8
9 Table of Contents (up to date)
10 - [what happens](#what-happens)
11 - [languages used :](#languages-used-)
12
13
14 ## what happens
15
16 - configuration.js holds all the information that is exported
17 - script.js then uses the imported information from configuration to change the footer in the index.html file
18
19 ## languages used :
20
21 ![HTML](https://img.shields.io/badge/HTML-f06292?style=for-the-badge&logo=HTML&logoColor=white) ![JavaScript](https://img.shields.io/badge/JavaScript-0077b6?style=for-the-badge&logo=JavaScript&logoColor=white)
22
23
```


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



The screenshot shows a code editor with the following JavaScript code and JSDoc comments:

```
1 /**
2  * Student Name
3  * @type {String}
4  */
5 const StudentName = 'John Doe' ;
```

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



```
1  // @ts-check
2
3
4  /**
5   * Student Name
6   * @type {String}
7   */
8  const StudentName = 'John Doe' ;
9
10 /**
11  * Array of grades
12  * @type {Array<number>}
13  */
14 const grade = [98, 97.7, 76, 89]
15
16 /**
17  * @type {{id: number|string, text: string}}
18  */
19 const tod = {
20     id:1,
21     text: "Hello",
22 }
```

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

```
1  ## DATA
2
3  ```mermaid
4  erDiagram
5      CUSTOMER ||--o{ ORDER : places
6      CUSTOMER {
7          string name
8          string custNumber
9          string sector
10     }
11     ORDER ||--|{ LINE-ITEM : contains
12     ORDER {
13         int orderNumber
14         string deliveryAddress
15     }
16     LINE-ITEM {
17         string productCode
18         int quantity
19         float pricePerUnit
20     }
21  ```
```

