

# 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.

I created a file with .md extension.

```
# Example File

## With More Headings

### And more Headings

```
`This is just a test`
```

**Bold and Beautiful**
```

## Example File

### With More Headings

### And more Headings

```
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```

**Bold and Beautiful**

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

```
/**
```

```

* Student Name
* @type {string} - Student name type can only be a string
**/
const studentName =
  "Ruan Pienaar";

/**
* A student
* @typedef {Object} Student
* @property {number} id - Student ID
* @property {string} name - Student name
* @property {string|number} [age] - Student age (optional)
* @property {boolean} isActive - Student is active
*/

/**
* @type {Student}
*/
const student = {
  id: 1,
  name: "Ruan Pienaar",
  age: 37,
  isActive: true,
};

```

---

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

```

// @ts-check
/**
* Student Name
* @type {string} - Student name type can only be a string
**/

```

```
const studentName =  
  "Ruan Pienaar";
```

---

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

```
/**  
 * A student  
 * @typedef {Object} Student  
 * @property {number} id - Student ID  
 * @property {string} name - Student name  
 * @property {string|number} [age] - Student age (optional)  
 * @property {boolean} isActive - Student is active  
 */  
  
/**  
 * @type {Student}  
 */  
const student = {  
  id: 1,  
  name: "Ruan Pienaar",  
  age: 37,  
  isActive: true,  
};
```

---