

DWA_03.4 Knowledge Check_DWA3.1

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

```
/**
 * Creates an HTML table cell with specific classes and content.
 *
 * @param {string} existing - The existing content to which you want to append the new cell.
 * @param {string} classString - The CSS class or classes to apply to the <td> element.
 * @param {string} value - The value to place within the table cell.
 * @returns {string} The HTML code for the table cell.
 */
const addCell = (existing, classString, value) => {
  const result = /* html */ `
    ${existing}
    <td class="${classString}">
      &nbsp;${value}&nbsp;
    </td>
  `

  return result
}
```

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

```

/**
 * @typedef {Object} Leo - Information about Leo
 * @property {string} name - The full name of Leo.
 * @property {string} balance - The balance of Leo.
 * @property {string} accessid - The access ID of Leo.
 * @property {number} age - The age of Leo.
 * @property {Object} address - The address of Leo.
 * @property {string} address.number - The house number.
 * @property {string} address.street - The street address.
 * @property {string} address.postalcode - The postal code.
 */

/**
 * @type {Leo}
 */
const leo = {
  name: leoName + leoSurname,
  balance: leoBalance,
  accessid: '47afb389-8014-4d0b-aff3-e40203d2107f',
  age: 24,
  address: {
    number: leoNumber,
    street: leoStreet,
    postalcode: leoPostal,
  }
}

```

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

```
// @ts-check

/**
 * @typedef {Object} Leo - Information about Leo
 * @property {string} name - The full name of Leo.
 * @property {string} balance - The balance of Leo.
 * @property {string} accessid - The access ID of Leo.
 * @property {number} age - The age of Leo.
 * @property {Object} address - The address of Leo.
 * @property {string} address.number - The house number.
 * @property {string} address.street - The street address.
 * @property {string} address.postalcode - The postal code.
 */

/**
 * @
 */
script.js(27, 4): The expected type comes from property 'age' which is declared here on type 'Leo'
cons (property) age: number
  • The age of Leo.
  View Problem (Alt+F8) Quick Fix... (Ctrl+.)
age: '24',
address: {
  number: leoNumber,
  street: leoStreet,
  postalcode: leoPostal,
}
}

```

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