

DWA_03.4 Knowledge Check_DWA3.1

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

```
```\njavascript\nconst sum = (...args) => {\n  let total = 0;\n  for (let i = 0; i < args.length; i++) {\n    total += args[i];\n  }\n  return total;\n}
```

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

```
/**\n * Creates a preview element for a book.\n *\n * @param {object} book - The book object containing book details.\n * @param {object} authors - The authors object containing author details.\n * @returns {HTMLElement} The created preview element.\n */
```

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

```
function createPreview(book, authors) {
 /** @type {string} */
 const { author, image, title, id, published } = book;

 /** @type {string} */
 const publicationDate = new Date(published).toLocaleString('en-US', {
 year: 'numeric',
 month: 'long',
 });
}
```

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

```
//predictive outcome
const result = sum(1, 2, 3);
console.log(result); // Output: 6
```

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