

DWA_03.4 Knowledge Check_DWA3.1

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

***This Markdown code will properly format your JavaScript code with syntax highlighting when rendered:

Here is a JavaScript code snippet that demonstrates how to handle number manipulation:

```
````javascript
const MAX_NUMBER = 15;
const MIN_NUMBER = -5;
const STEP_AMOUNT = 5;

const number = document.querySelector('[data-key="number"]');
const subtract = document.querySelector('[data-key="subtract"]');
const add = document.querySelector('[data-key="add"]');

const subtractHandler = () => {
 const newValue = parseInt(number.value) - STEP_AMOUNT;
 number.value = newValue;

 if (add.disabled === true) {
 add.disabled = false;
 }

 if (newValue <= MIN_NUMBER) {
 subtract.disabled = true;
 }
};

const addHandler = () => {
 const newValue = parseInt(number.value) + STEP_AMOUNT;
 number.value = newValue;
}
```

```
 if (subtract.disabled === true) {
 subtract.disabled = false;
 }

 if (newValue >= MAX_NUMBER) {
 add.disabled = true;
 }
 };

 add.addEventListener('click', addHandler);

 subtract.addEventListener('click', subtractHandler);
```

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

```
/**
 * Subtracts the step amount from the number value and updates the input field.
 */
const subtractHandler = () => {
 /** @type {number} */
 const newValue = parseInt(number.value) - STEP_AMOUNT;
 number.value = newValue;

 if (add.disabled === true) {
 add.disabled = false;
 }

 if (newValue <= MIN_NUMBER) {
 subtract.disabled = true;
 }
};
```

---

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

// @ts-check

```
const MAX_NUMBER = 15;
const MIN_NUMBER = -5;
const STEP_AMOUNT = 5;
```

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

CONSTANTS	DESCRIPTION
"Max_Number"	The maximum allowed number.
"Min_Number"	The minimum allowed number.
"Step_Amount"	The amount to increment/decrement.

I would have achieved this by pressing control+shift+p. Then i searched for markdown. A list of options were shown and i selected table content.

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