


# 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.

```
# HERNGW960_BCL2302_GroupCHANIQUE_HermanBotsheloNgwenya_IWA_19
 Webapp to be audited as part of final assessment for first JS module
[Herman Botshelo Ngwenya IWA_19
SlideShow.pdf] (https://github.com/HermanNgwenya/HERNGW960\_BCL2302\_GroupCHANIQUE\_HermanBotsheloNgwenya\_IWA\_19/files/11440967/Herman.Botshelo.Ngwenya.IWA\_19.SlideShow.pdf)
```

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

```
/**
 * Calculates the sum of two numbers.
 *
 * @param {number} a - The first number.
 * @param {number} b - The second number.
 * @returns {number} The sum of the two numbers.
 */
function calculateSum(a, b) {
  return a + b;
}
```

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

```
// @ts-check

// (C) ACME Inc. 2010

// This is the date that a user created their account
const date = '10/07/2014';

// Log the date to the console
console.log(date);
```

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

This is a code where I applied JSDoc optional parameters.

```
/**
 * Calculates the area of a rectangle.
 *
 * @param {number} width - The width of the rectangle.
 * @param {number} [height] - The height of the rectangle (optional).
 * @returns {number} The calculated area of the rectangle.
 */
function calculateArea(width, height) {
  if (height === undefined) {
    // Handle the case when height is not provided
    return width * width;
  }
  return width * height;
}
```

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