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Assignment 4

**Question 1**

By how many ways we can access elements in the DOM and write about them in brief?

**Answer**

5 ways to access HTML elements in the DOM — by ID, by class, by HTML tag name, and by selector.

**Question 2**

Write a JavaScript program that will take 2 numbers from the HTML page and display them on the

HTML page after the addition of those 2 numbers.

**Answer**

**To Add two numbers**

// store input numbers

const num1 = parseInt(prompt('Enter the first number '));

const num2 = parseInt(prompt('Enter the second number '));

//add two numbers

const sum = num1 + num2;

// display the sum

console.log(`The sum of ${num1} and ${num2} is ${sum}`);

**Output**

Enter the first number 5

Enter the second number 3

The sum of 5 and 3 is: 8

Here, prompt() is used to take inputs from the user. parseInt() is used to convert the user input string to number.

const num1 = parseInt(prompt('Enter the first number '));

const num2 = parseInt(prompt('Enter the second number '));

Then, the sum of the numbers is computed.

const sum = num1 + num2;

Finally, the sum is displayed. To display the result, we have used the template literal ` `. This allows us to include variables inside strings.

console.log(`The sum of ${num1} and ${num2} is ${sum}`);