

Assignment 5

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Group: SE-2419

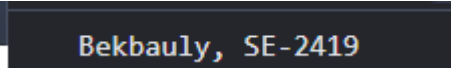
Objective

The purpose of this assignment is to practice the basic concepts of JavaScript, including DOM manipulation, event handling, and user interaction through input and output.

Part 1: Console Output

In this part, I wrote a simple JavaScript code that prints my name and group in the browser console using the `console.log()` function.

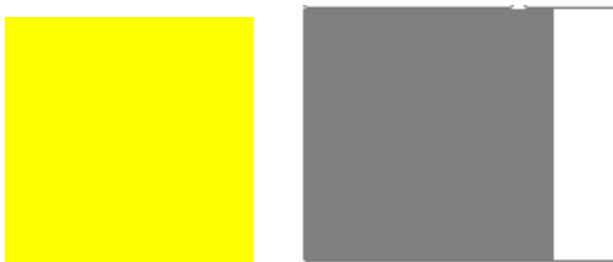
This demonstrates the ability to display text directly in the console.

A screenshot of a browser's developer console. It shows a single log entry with the text "Bekbauly, SE-2419" in a light blue font on a dark background.

Part 2: DOM Manipulation

This task demonstrates how to access and modify HTML elements using JavaScript.

A paragraph element is updated when a button is clicked, showing how JavaScript dynamically changes the webpage content.



Part 3: Event Handling

In this part, I used the `mouseover` event to change the color of a heading when the mouse pointer moves over it.

It demonstrates how JavaScript reacts to user actions and updates the webpage in real time.



Part 4: Input and Output Interaction

This part shows how to interact with users through input fields.

When the user types their name and clicks the button, JavaScript takes the input value and displays a personalized greeting.

Belbauly
bekbaulykalymzan@gmail.c
Password
Submit

Conclusion

Through this assignment, I learned how to use JavaScript to manipulate HTML elements, handle user events, and create interactive web pages.