

Day 01 Assignment

▼ Sum Calculation with User Input

Write a script that prompts the user to enter numeric values and calculates their sum. The script should stop receiving values under the following conditions:

1. **User Enters 0**: When the user enters 0, the script should terminate input collection.
2. **Sum Exceeds 100**: If adding the next value would cause the total sum to exceed 100, the script should stop.

Hints:

- Use a `do-while` loop to handle repeated user prompts.
- Utilize type checking to ensure the input is numeric.
- Use conditionals to determine when to exit the loop.

▼ Welcome Message with User Customization

Create a script that displays a welcome message to the user, prompts them to enter their name, and then lets them choose a color. The script should then update the web page to display a personalized welcome message in the chosen color.

Hints:

- Use `alert` to display the initial welcome message.
- Use `prompt` to get the user's name and color choice.
- Validate the color choice and apply a default color if the choice is invalid.
- Update the page content using `document.body.innerHTML` or similar methods to reflect the user's name and color choice.

▼ Display User Message in Different Heading Tags

Write a script that asks the user to enter a message and then displays this message using different HTML heading tags (`<h1>` through `<h6>`) on the web page. Use a loop to dynamically generate and display the headings.

Requirements:

1. Prompt for User Message:

- Ask the user to enter a message.

2. Display Message in Headings:

- Use a loop to create and display the message in all heading tags from `<h1>` to `<h6>`.
- Do not write the heading tags explicitly in your script; instead, use JavaScript to generate them dynamically.

h1:

User Message

h2:

User Message

h3:

User Message

h4:

User Message

h5:

User Message

h6:

User Message