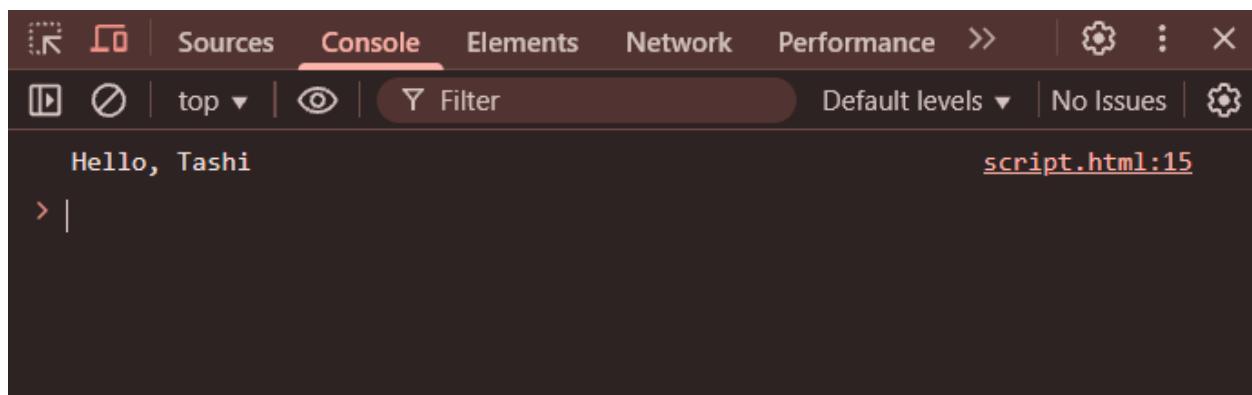


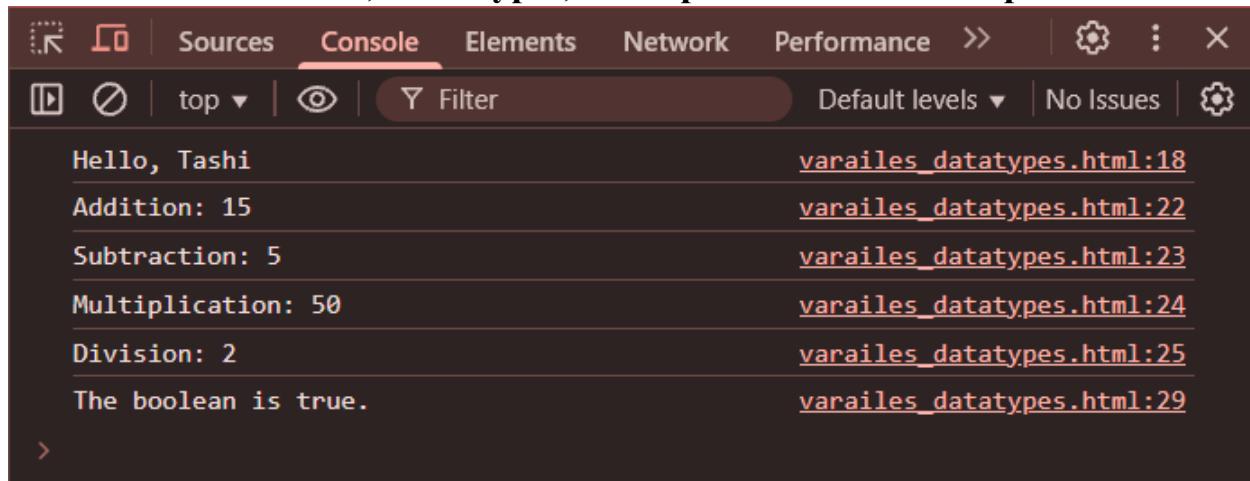
Structure of JavaScript Program



The screenshot shows the Chrome DevTools interface with the 'Console' tab selected. The console output area displays the message "Hello, Tashi" followed by a line separator. To the right of the message, a blue link labeled "script.html:15" indicates the source file and line number where the message was logged.

```
Hello, Tashi
script.html:15
```

Variables, Data Types, and Operators in JavaScript\



The screenshot shows the Chrome DevTools interface with the 'Console' tab selected. The console output is as follows:

```
Hello, Tashi
Addition: 15
Subtraction: 5
Multiplication: 50
Division: 2
The boolean is true.
```

Each line of output is preceded by its file path: `varailes_datatypes.html:18`, `varailes_datatypes.html:22`, `varailes_datatypes.html:23`, `varailes_datatypes.html:24`, `varailes_datatypes.html:25`, and `varailes_datatypes.html:29`.

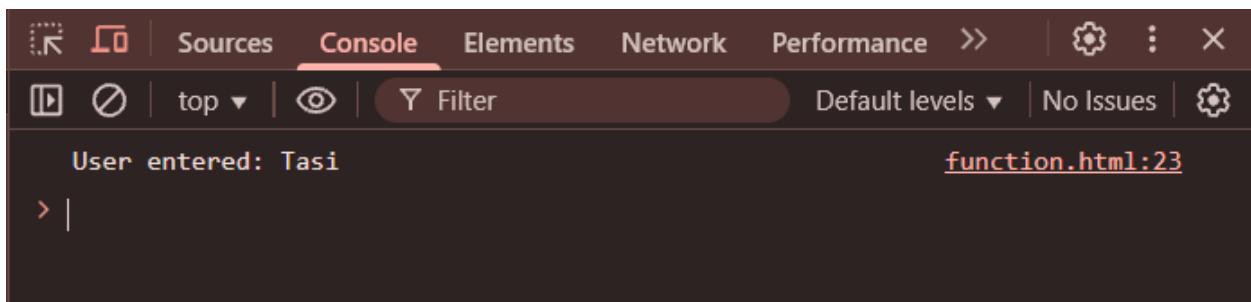
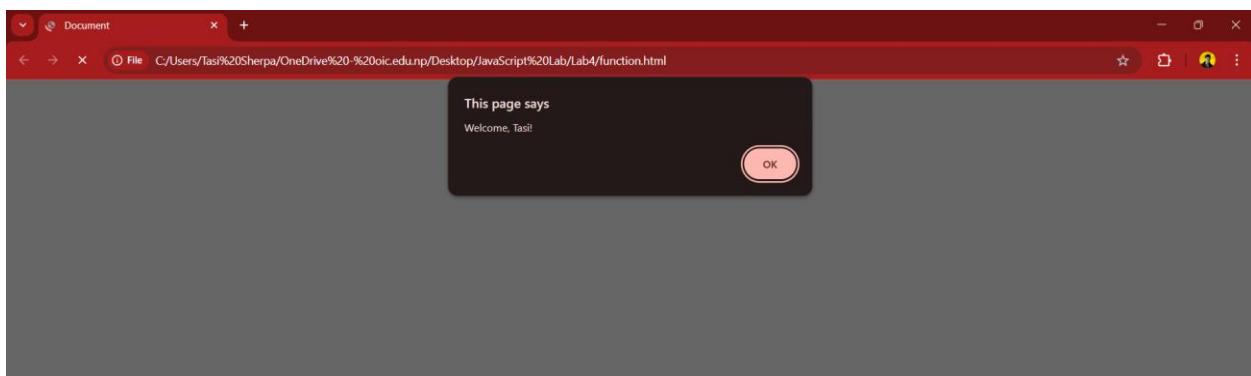
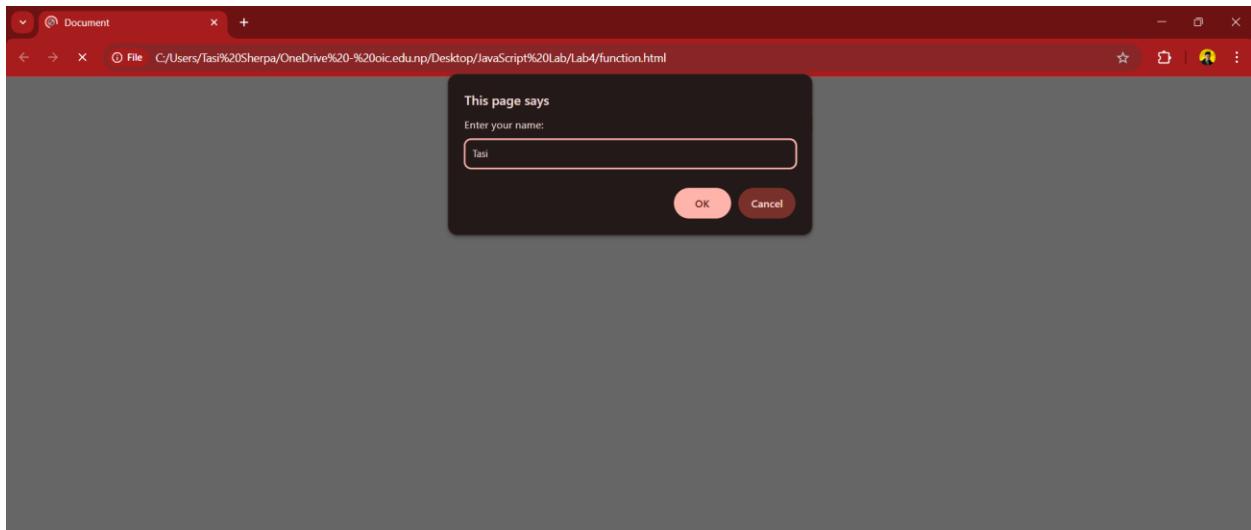
Flow Control and Looping in JavaScript

The screenshot shows the 'Console' tab of a browser's developer tools. The output window displays the following text:

```
Even numbers from 1 to 20:  
2  
4  
6  
8  
10  
12  
14  
16  
18  
20  
Weekend  
>
```

Each number from 2 to 20 is followed by a link to the file 'controlStructure.html' at line 14. The word 'Weekend' is followed by a link to line 24. The 'Sources' tab is also visible in the top navigation bar.

Function with Prompt and Alert in JavaScript



Objects and Constructors in JavaScript

The screenshot shows the Chrome DevTools interface with the 'Console' tab selected. It displays three objects: 'Book 1', 'Book 2', and 'Updated Book 1'. Each object is an object with properties: 'author', 'title', and 'year'. The objects also have a [[Prototype]] property pointing to another object.

```
Book 1:  ▶ Object [i]
    author: "Tasi Sherpa"
    title: "JavaScript Basics"
    year: 2025
    ▶ [[Prototype]]: Object

Book 2:  ▶ Book [i]
    author: "Lionel Messi"
    title: "Art of Football"
    year: 2022
    ▶ [[Prototype]]: Object

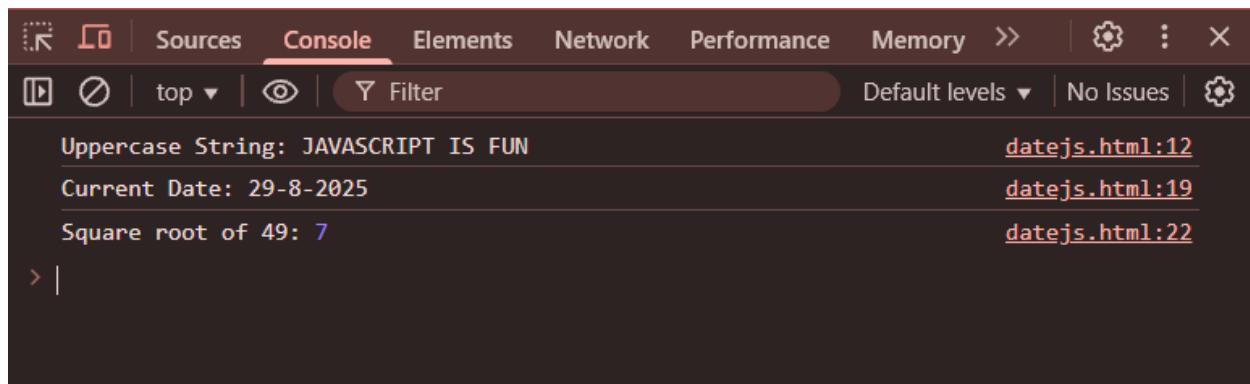
Updated Book 1:  ▶ Object [i]
    author: "Tasi Sherpa"
    title: "JavaScript Basics"
    year: 2025
    ▶ [[Prototype]]: Object
```

Objects.html:17 Objects.html:27 Objects.html:31

Array Operations in JavaScript

Code Snippet	File Path
Original Array: <code>▶ (5) [2, 5, 8, 12, 20]</code>	arrays.html:12
After push (add end): <code>▶ (6) [2, 5, 8, 12, 20, 25]</code>	arrays.html:16
After pop (remove end): <code>▶ (5) [2, 5, 8, 12, 20]</code>	arrays.html:19
After unshift (add beginning): <code>▶ (6) [1, 2, 5, 8, 12, 20]</code>	arrays.html:22
After shift (remove beginning): <code>▶ (5) [2, 5, 8, 12, 20]</code>	arrays.html:25
Squared Array: <code>▶ (5) [4, 25, 64, 144, 400]</code>	arrays.html:31
Numbers greater than 10: <code>▶ (2) [12, 20]</code>	arrays.html:37

Using Built-in Objects in JavaScript



The screenshot shows the Chrome DevTools interface with the 'Console' tab selected. The console output area contains three entries:

- Uppercase String: JAVASCRIPT IS FUN datejs.html:12
- Current Date: 29-8-2025 datejs.html:19
- Square root of 49: 7 datejs.html:22

A cursor is visible at the bottom left of the console window.

User-Defined Objects, Event Handling, and Form Validation

← → ⌂ ⌂ File C:/Users/Tasi%20Sherpa/OneDrive%20-%20oic.edu.np/Desktop/JavaScript9

Name: Tasi

Email: sherpajack3@gmail.com

Email should include @

Password:

Password should be at least 8 characters

Log in

Login Failed!

← → ⌂ ⌂ File C:/Users/Tasi%20Sherpa/OneDrive%20-%20oic.edu.np/Desktop/JavaScript9

Name: Tasi

Email: sherpajack3@gmail.com

Password:

Log in

Login Successful

Handling Cookies in JavaScript

The screenshot shows the Chrome DevTools Application tab. On the left sidebar, under 'Storage', the 'Cookies' section is expanded, showing a cookie for the domain 'http://127.0.0.1:5500' with the name 'theme' and value 'dark'. The main panel displays a table of cookies with columns for Name, Value, and various expiration and scope details.

Name	Value	D..	P..	E..	S..	H..	S..	S..	P..	C..	P..
theme	dark	1...	/...	S...	9						M..

The screenshot shows the Chrome DevTools Console tab. It contains the following log statements:

```
Theme cookie value: dark
Live reload enabled.
YouLearn content script loaded.
Content script received URL_CHANGED message for:
http://127.0.0.1:5500/Lab9/cookies.html
URL changed, but not PDF/YouTube, automatic popup skipped.
✖ Failed to load resource: the server responded with a status :5500/favicon.ico:1
Failed to load resource: the server responded with a status of 404 (Not Found)
Theme cookie deleted
```