



OUTLINE

2026

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JAVASCRIPT OUTLINE

TAWANA TECHNOLOGY



2026

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JAVASCRIPT



JavaScript – 2 Months (8 Weeks) Outline



WEEK 01: INTRODUCTION TO JAVASCRIPT & BASICS

1. Introduction to JavaScript and its role in web development
2. Adding JavaScript to HTML (inline, internal, external)
3. Variables and constants (`let`, `const`, `var`)
4. Data types: string, number, boolean, null, undefined
5. 🌿 **Practice Project:** Display a welcome message using `alert()` and `console.log()`



WEEK 02: OPERATORS, CONDITIONS & LOOPS

1. Arithmetic, assignment, comparison, and logical operators
2. Conditional statements: `if`, `else if`, `else`, `switch`
3. Loops: `for`, `while`, `do-while`
4. Basic functions: declaration, calling, parameters, return values
5. 🌿 **Practice Project:** Create a simple **calculator** or **number guessing game**



WEEK 03: FUNCTIONS & SCOPE

1. Advanced functions: arrow functions, function expressions
2. Local and global scope, hoisting
3. Default parameters and rest parameters
4. 🌿 **Practice Project:** Build a simple **quiz app** using functions




WEEK 04: ARRAYS & OBJECTS


1. Creating and manipulating arrays
2. Array methods: `push`, `pop`, `shift`, `unshift`, `map`, `filter`, `reduce`
3. Objects: properties, methods, nested objects
4. 🌿 **Practice Project:** Create a **to-do list** using arrays and objects




WEEK 05: DOM MANIPULATION

1. Introduction to DOM (Document Object Model)
2. Selecting elements: `getElementById`, `getElementsByClassName`, `querySelector`
3. Changing content, attributes, and styles dynamically
4.  **Practice Project:** Interactive web page with buttons changing content


WEEK 06: EVENTS & EVENT HANDLING

1. Understanding events: `click`, `mouseover`, `keypress`, `input`
2. Adding event listeners and handling events
3. Event delegation basics
4.  **Practice Project:** Form validation with event handling

WEEK 07: ADVANCED DOM & INTERACTIVITY

1. Manipulating multiple elements and creating dynamic content
2. Working with classes, attributes, and styles dynamically
3.  **Practice Project:** Build an **image slider** or **gallery** using JavaScript

WEEK 08: FINAL PROJECT

1.  **Final Project:** Build a small interactive website (To-do App, Quiz App, or Portfolio)
2. Combine all JavaScript concepts learned
3. Enhance user experience with DOM manipulation and events



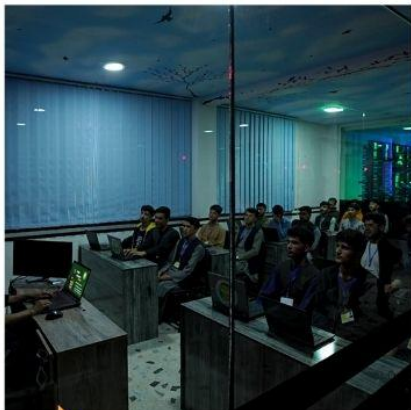
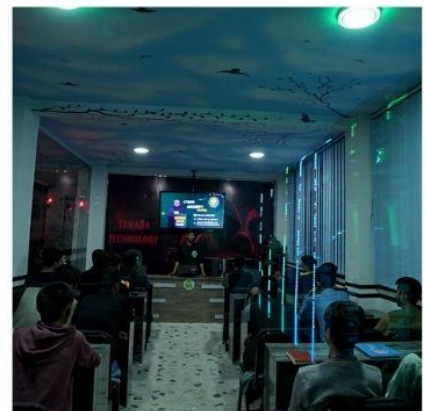
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Tawana: The Key to the World of Technology

STUDENT FEEDBACK

Our students' opinions about
Tawana Technology



MOHAMMAD SHARIF BAKHTYARY

"Tawana Technology is a trusted institute with a strong background in technology, offering advanced curricula and modern methods—especially in cyber—to help learners enhance their skills."

Datacenter Specialist at UST
Global



TAWAB FAYAZI FORMER

"Tawana Technology is a leading institute for learning technology. Its students excel in job markets and competitions locally and internationally. I highly recommend it to anyone eager to grow their skills."

I.T DIRECTOR OF AFGHANISTAN
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SUHRAB TOTAKHAIL

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IT ANALYST ETISALAT
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Presented By :

Tawana team