Jaipur Engineers

Your One-Stop IT & Staffing Ecosystem

PROGRAMMING

JavaScript

SAMPLE PROJECT

Weather Search App

JS



COURSE FEE

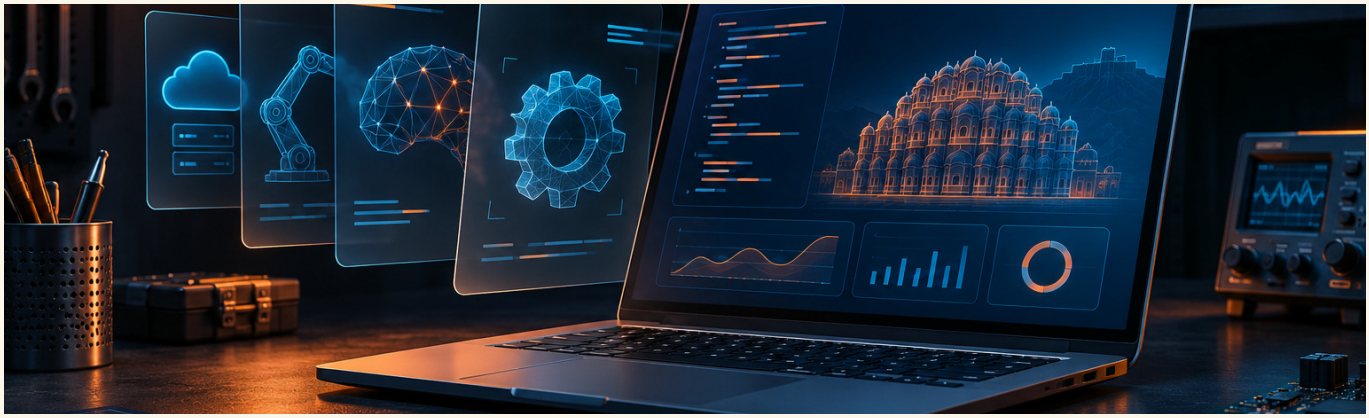
Fee on enquiry

JAIPUR, RAJASTHAN

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JavaScript

Core concepts



01	Values, operators, control flow and functions
02	Arrays, objects, scope and closures
03	DOM events, forms and validation

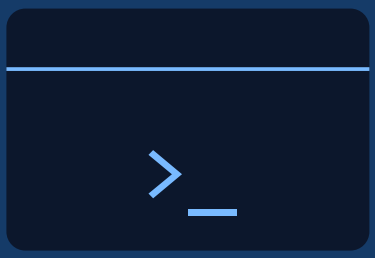
Define inputs

Write a normal case, an empty case and an invalid case before coding.

JavaScript

Applied skills

- **Inputs**
- **Run**
- **Expected output**



04 ES6 to ES10 syntax and modules

05 Promises, Fetch, async/await and error handling

06 Debugging, storage and a browser project

PROJECT DELIVERABLES

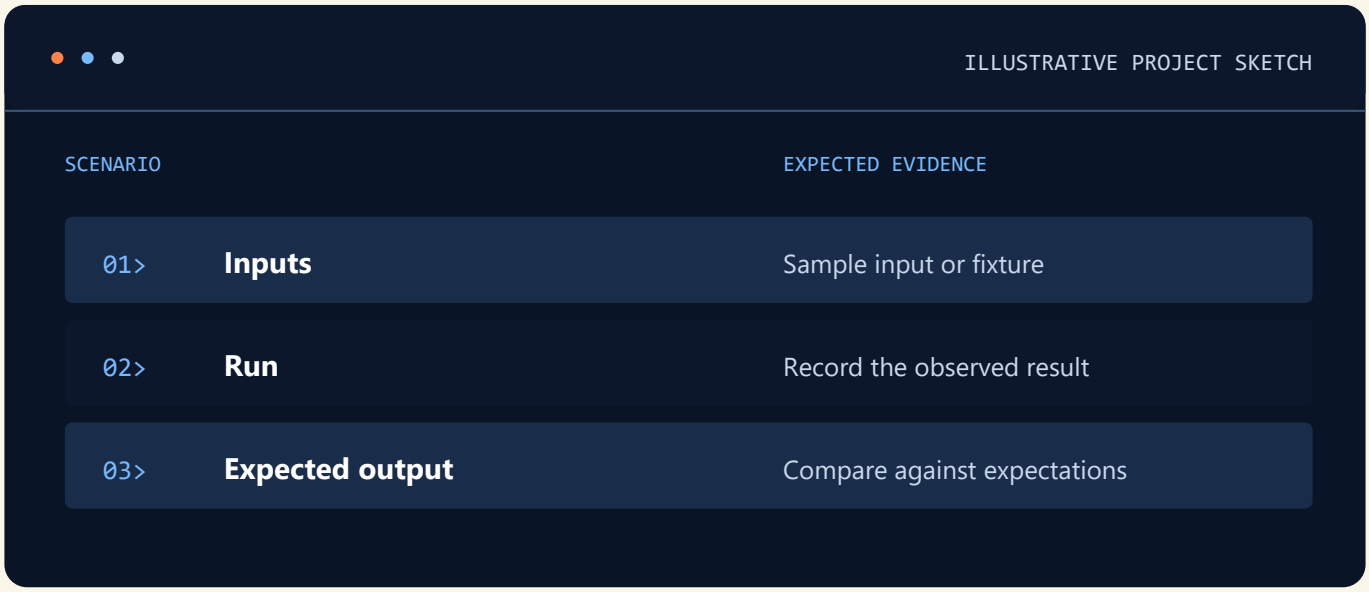
Source code, sample inputs, expected outputs and a short run guide.

JavaScript

Portfolio project

Weather Search App

Build a browser interface that fetches weather by city and handles loading, errors and empty results.



Define inputs

Write a normal case, an empty case and an invalid case before coding.

Verify output

Run each case and record the expected and actual results.

Source code, sample inputs, expected outputs and a short run guide.

JavaScript

Course fees

COURSE FEE

Fee on enquiry

RELATED MODULE	INR
Advanced JavaScript	₹4,000

Ask admissions for the course fee, available batches and enrolment details.

ADMISSIONS

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SCAN FOR MAP

Check course details

JavaScript

Course content

MODULES 01–02

01

Lessons & practice

- Values
- Operators
- Control flow
- Functions

HANDS-ON — Calculate subtotals from inputs and validate values with a reusable function.

02

Lessons & practice

- Arrays
- Objects
- Scope
- Closures

HANDS-ON — Transform an array of products and use a closure to preserve filter criteria.

JavaScript

Course content

MODULES 03–04

03

Lessons & practice

- DOM events
- Forms
- Validation

HANDS-ON

Add keyboard-accessible form validation and update results after a DOM event.

04

Lessons & practice

- ES6 to ES10 syntax
- Modules

HANDS-ON

Split a feature into modules and compare transformed objects without mutating the inputs.

JavaScript

Course content

MODULES 05–06

05

Lessons & practice

- Promises
- Fetch
- Async/await
- Error handling

HANDS-ON Load JSON data and show loading, empty and error states using async/await.

06

Lessons & practice

- Debugging
- Storage
- A browser project

HANDS-ON Debug a failed search and persist the last valid choice in browser storage.