

JavaScript String Practice Problems (Web Dev Inspired)

1. Capitalize Username Input

Input: "shoaib"

Output: "Shoaib"

Use case: Form input formatting.

2. Email Validation (Simple)

Input: "shoaib@gmail.com"

Output: true (has "@" and ".")

Use: includes(), endsWith().

3. Trim Input Fields

Input: " Hello World "

Output: "Hello World"

Use: .trim() for login/signup inputs.

4. Create URL Slug from Title

Input: "Learn JavaScript in 30 Days!"

Output: "learn-javascript-in-30-days"

Use: toLowerCase(), replace(), split(), join().

5. Password Strength Check

Input: "pass123"

Output: Weak Password

Use: .length, match() with RegEx.

6. Dynamic Welcome Message

Input: "shoaib"

Output: "Welcome back, Shoaib!"

Use: `charAt()`, `toUpperCase()`, template literals.

7. Extract Domain Name from Email

Input: "shoaib@gmail.com"

Output: "gmail.com"

Use: `split("@")`.

8. Custom Search Bar Filter (No DOM yet)

products = ["tshirt", "shoes", "jeans", "shorts"]

Input: "sh"

Output: ["shoes", "shorts"]

Use: `filter()`, `includes()`.

9. Check Palindrome for Fun

Input: "madam"

Output: true

Use: Logic practice.

10. Censor Bad Words

Input: "This is a damn good course"

Output: "This is a **** good course"

Use: `.replace()`.