

# Comments in JavaScript



# Agenda

1. Types of JavaScript Comments
2. Interview Pro Tips
3. Best Practices to Stand Out
4. Q&A + Practice Challenge
5. Quiz Time

## Single-line Comments:

```
// This is a single-line comment  
let x = 5;
```

## Multi-line Comments:

```
/*  
This is a  
multi-line comment  
*/
```

## Use Cases:

- Code explanation
- Debugging (commenting out code)



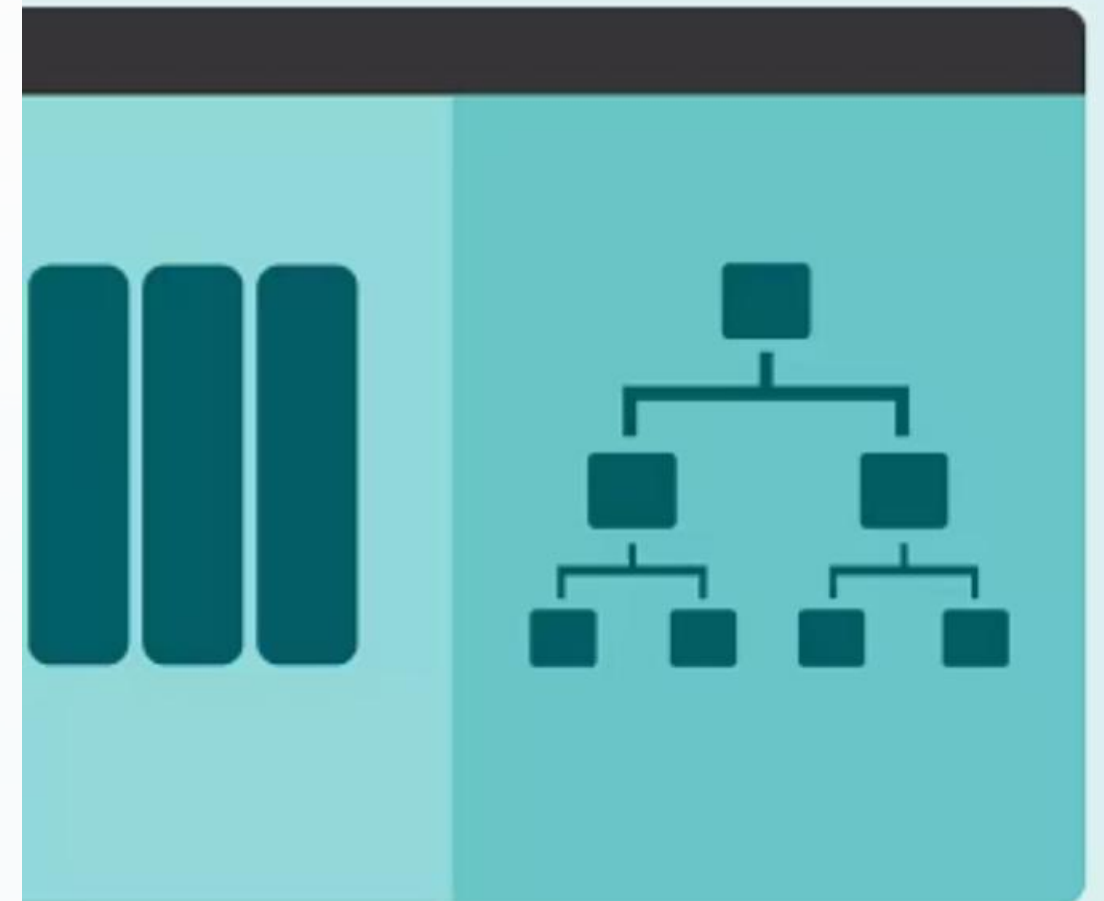
# Interview Pro Tips

## When Discussing Comments:

- ✓ Explain Purpose: "Comments should clarify *why*, not *what*."
- ✓ Avoid Overuse: "Clean code > excessive comments."
- ✓ Mention Tools: "Use JSDoc for documentation."

## Interview Question Example:

*"How would you document a function using comments?"*



# Best Practices to Stand Out

1. **Self-Documenting Code:** Use clear variable/function names.
2. **JSDoc for Functions:**

```
/**  
 * Calculates sum of two numbers.  
 * @param {number} a - First number  
 * @param {number} b - Second number  
 * @returns {number} Sum of a and b  
 */  
function sum(a, b) { return a + b; }
```

1. **Avoid Redundancy:**
2. ❌ `let x = 5; // Assign 5 to x` (Bad)

# Q&A + Practice Challenge

Q&A: Open floor for questions.

## Practice Challenge:

1. Write a function with a JSDoc comment.
2. Debug this code using comments:

```
function broken() {  
  console.log("Fix me");  
  // console.log("This line should skip");  
}
```

# Quiz Time

1. Which comment is invalid?
  2. a) `// Comment`
  3. b) `<!-- Comment -->` (Answer)
  4. c) `/* Comment */`
2. Best use of comments?
  3. a) Explain complex logic (Answer)
  4. b) Describe `let x = 5;`
3. How to temporarily disable code?
  4. a) Delete it
  5. b) Comment it out (Answer)

## Resources

- Free eBook: "JavaScript Quick Reference"

[W3Schools.com](https://www.w3schools.com/)

<https://www.geeksforgeeks.org/javascript/>

- Follow for daily JS tips
- GitHub repo with code examples



**Thank You!**

**Call to Action:** Practice commenting in your next project!