



TODAY'S LEARNING

SHORT CIRCUIT LOGIC

&& AND || OPERATORS

JAVASCRIPT LOGICAL SHORTCUTS

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```
1  // Scenario: Sending an email only if the user
   // has an email address
2  const user = { email: "syed@example.com" };
3
4  // Standard way
5  if (user.email) {
6      sendEmail(user.email);
7  }
8
9  // Short-circuit way
10 user.email && sendEmail(user.email);
11
```



```
1 // Scenario: Port configuration
2 const envPort = undefined;
  // Not set in environment
3 const defaultPort = 3000;
4
5 // Short-circuit way
6 // 1. Checks envPort? Falsy.
7 // 2. Moves to defaultPort. Returns 3000.
8 const port = envPort || defaultPort;
9
```