

Summary of JavaScript Setting Field Values

This document explains how to set form field values in JavaScript using an inline event handler to auto-fill a city field based on a ZIP code:

1. **Scenario:** A function auto-fills a city field when a user enters one of three valid ZIP codes and clicks out, omitting error checking and state fields for simplicity.
2. **Form Markup:** Includes a ZIP input (`<input type="text" id="zip" onBlur="fillCity">`) and a city input (`<input type="text" id="city">`). The `onBlur` event triggers `fillCity` when the ZIP field loses focus.
3. **Function Logic:** The `fillCity` function:
 - Reads the ZIP code with `document.getElementById("zip").value`, stored in `zipEntered`.
 - Uses a switch statement to map ZIP codes (60608, 68114, 53212) to cities (Chicago, Omaha, Milwaukee), stored in `cityName`.
 - Sets the city field with `document.getElementById("city").value = cityName`.
4. **Reading and Writing Values:** `document.getElementById().value` is used to both read and write field values.
5. **Limitations:** Inline `onBlur` is used for simplicity, error checking is skipped, and only the city is filled. Professional event-handling methods will be covered later.