**🔧 JavaScript DOM & Events — Quick Guide**

**🚩 1. document.getElementById()**

Used to access elements by ID and manipulate them.

const el = document.getElementById("demo");

el.style.color = "blue";

**🖱 2. Add Click Event Listener**

Attach a click to a button & change text:

btn.addEventListener("click", () => btn.textContent = "Clicked!");

**🎯 3. event.target vs event.currentTarget**

target: Element that triggered the event

currentTarget: Element listener is attached to

**🛑 4. event.preventDefault()**

Stops default actions like form submission.

form.addEventListener("submit", e => {

e.preventDefault();

});

**✨ 5. Custom Events**

const evt = new CustomEvent("hello");

el.dispatchEvent(evt);

**📌 6. addEventListener()**

Adds listeners:

el.addEventListener("click", func, useCapture);

**🧹 7. Remove Event Listener**

el.removeEventListener("click", func);

**🌊 8. Event Bubbling & stopPropagation()**

Events bubble up; stop with:

event.stopPropagation();

**🔁 9. Multiple Listeners**

items.forEach(i => i.addEventListener("click", handler));

**🧭 10. Event Delegation**

One parent listener for many children:

parent.addEventListener("click", e => {

if (e.target.matches(".child")) handle();

});

Just wrapped up this quick guide on JavaScript DOM & Events! 🔧

[Poonam K.](https://www.linkedin.com/in/hitarth-patel-5a962934b/overlay/create-post/#) **Stack Overflow MDN Web Docs** #JavaScript #WebDev #DOM

### **📌 JavaScript: Variables & Functions – Fast Guide**

1️⃣ **var, let, const – What's the difference?**

* var: Function-scoped ✅
* let: Block-scoped, reassignable ✅
* const: Block-scoped, not reassignable ❌

2️⃣ **Function Declaration vs Expression**

// Declaration

function greet() { }

// Expression

const greet = function() { };

3️⃣ **return Statement** Ends a function and returns a value.

function sum(a, b) {

return a + b;

}

4️⃣ **Variable Scope in Functions** Variables inside functions are **local** and not accessible outside.

function test() {

let x = 5;

}

console.log(x); // ❌ Error

5️⃣ **Passing Functions as Arguments** JavaScript supports higher-order functions:

function greet(callback) {

callback();

}

greet(() => console.log("Hello!"));

👨‍💻 Just shared this to help simplify the fundamentals —  
 [Poonam K.](https://www.linkedin.com/in/hitarth-patel-5a962934b/overlay/create-post/#) **Stack Overflow MDN Web Docs** #JavaScript #WebDev #DOM