



Java Script Events

This section belongs to JavaScript and DOMs section



Exercise 1 – Basic (Event Bubbling)

You are building an insurance payment page. A button "Pay Premium" is inside a div "paymentSection".

Tasks:

1. Add click event to both div and button.
2. Observe and write the output order when button is clicked.
3. Mention which event phase is occurring.

Exercise 2 – Basic (Event Capturing)

On a policy page, a container validates user before showing policy details.

Tasks:

1. Use capturing phase for both parent and child.
2. Ensure parent runs first.
3. Write expected console output.

Exercise 3 – Intermediate (stopPropagation)

Insurance dashboard shows policy cards. Clicking card navigates to details, but clicking delete should only delete.

Tasks:

1. Stop event bubbling on delete button.
2. Prevent navigation log from appearing.
3. Write JavaScript code

Exercise 4 – Intermediate (Reinforce bubbling, capturing, and stopPropagation together)

You are building an Insurance Claims Dashboard.

- Each Claim Row is clickable → Opens Claim Details page
- Inside each row there is an Approve Claim button → Approves the claim without navigation

This is extremely common in insurance admin panels.

Tasks

1. Add click event on claimRow
 - Log: Opening Claim Details
2. Add click event on Approve Claim button
 - Log: Claim Approved
3. Ensure that clicking Approve Claim
 - does NOT open claim details
4. Explain:
 - What happens without stopPropagation()
 - What happens with stopPropagation()

❖❖❖ Good Luck ❖❖❖



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