Jason Rabbitt
DGM 3760

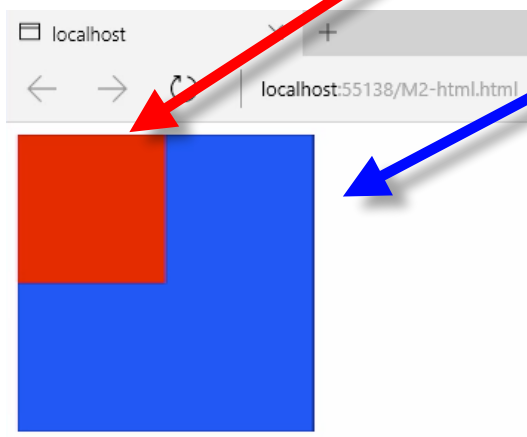**Event Bubbling**

**Question 1.**
HTML code: 'div1' is the blue square.  'div2' is the red square and is the **child of div1**

```
// body of HTML
<div id="div1" style="width:200px; height:200px; background-color: blue;">
        <div id="div2" style="width:100px; height:100px;
            background-color: red;"></div>
</div>
```

Browser Displays:



JavaScript Code:

```
// JavaScript file
var div1 = document.getElementById('div1');
var div2 = document.getElementById('div2');
var clickHandler = function divClickHandler(event) {
    console.log(this.id);
};
div1.addEventListener('click', clickHandler, false);
div2.addEventListener('click', clickHandler, false);
```

What shoes in the console when the user clicks on the 'div2' or the red square?
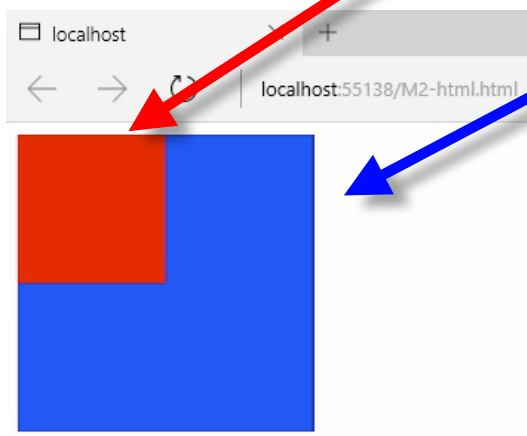
A.      div1
        div2

B.      div2
        div1

C.      red square
        blue square

D.      Nothing

**Question 2.**
HTML code: 'div1' is the blue square.  'div2' is the red square and is the **child of div1**

```
// body of HTML
<div id="div1" style="width:200px; height:200px; background-color: blue;">
        <div id="div2" style="width:100px; height:100px;
            background-color: red;"></div>
</div>
```

Browser Displays:



JavaScript Code:

```
// JavaScript file
var div1 = document.getElementById('div1');
var div2 = document.getElementById('div2');
var clickHandler = function divClickHandler(event) {
    console.log(this.id);
};
div1.addEventListener('click', clickHandler, true);
div2.addEventListener('click', clickHandler, true);
```

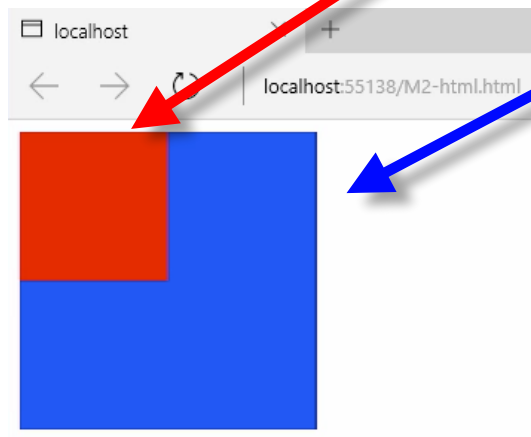What shoes in the console when the user clicks on the 'div2' or the red square?

A.      div1          B.      div2          C.      blue square          D.      Nothing
        div2                  div1                  red square

**Question 3.**
HTML code: 'div1' is the blue square. 'div2' is the red square and is the **child of div1**

```
// body of HTML
<div id="div1" style="width:200px; height:200px; background-color: blue;">
        <div id="div2" style="width:100px; height:100px;
            background-color: red;"></div>
</div>
```

Browser Displays:



JavaScript Code:

```
// JavaScript file
var div1 = document.getElementById('div1');
var div2 = document.getElementById('div2');
var clickHandler = function divClickHandler(event) {
    console.log(this.id);
    event.stopPropagation();
};
div1.addEventListener('click', clickHandler, true);
div2.addEventListener('click', clickHandler, true);
```

What shoes in the console when the user clicks on the 'div2' or the red square?

A.    div1              B.    div2              C.    blue square              D.    Nothing