

LING 408/508: Computational Techniques for Linguists

Lecture 19

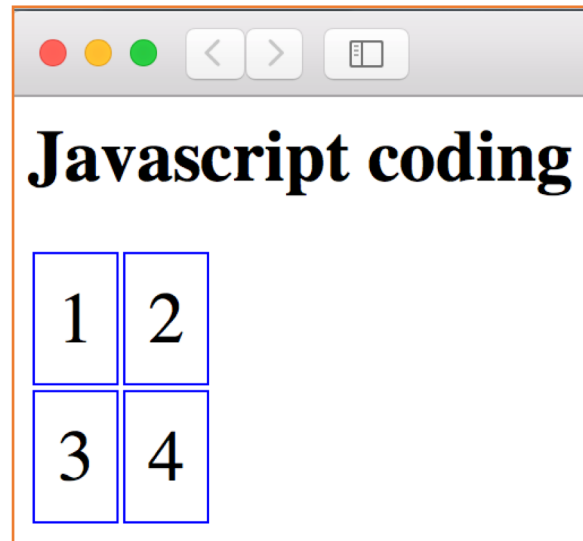
Administrivia

- Homework Help Day



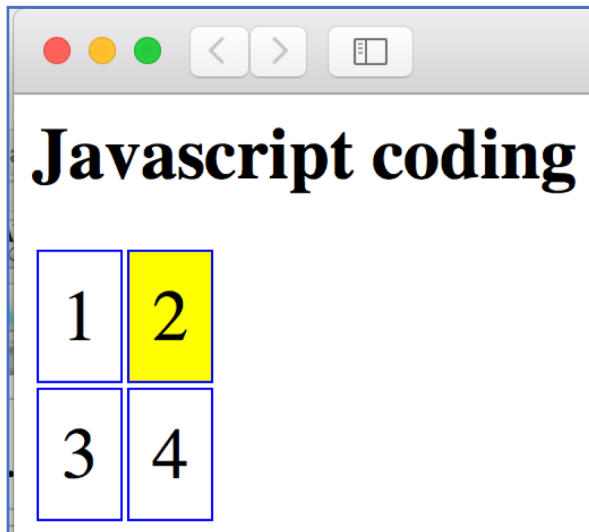
boxes.html

```
1 <!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML//EN">
2 <html> <head>
3 <title>Javascript coding</title>
4 <style>
5 td:hover {
6     background-color: yellow
7 }
8 td { font-size: 200%;
9     border: 1px solid blue;
10    padding: 10px
11 }
12 </style>
13 <script>
14 function clicked(e) {
15     e.innerHTML = ""
16 }
17 </script>
18 </head>
19 <body>
20 <h1>Javascript coding</h1>
21 <table>
22 <tr>
23     <td onclick="clicked(this)">1</td>
24     <td onclick="clicked(this)">2</td>
25 </tr>
26 <tr>
27     <td onclick="clicked(this)">3</td>
28     <td onclick="clicked(this)">4</td>
29 </tr>
30 </table>
31 </body> </html>
```

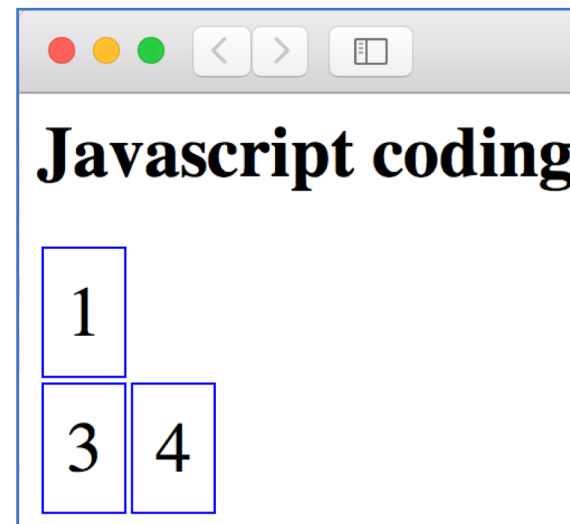
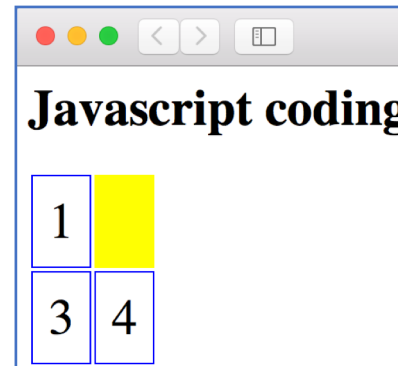


boxes.html

- Hover:



- Click:



Adding a reset button

- **Button tag:**

- `<button type="button">Click Me!</button>`

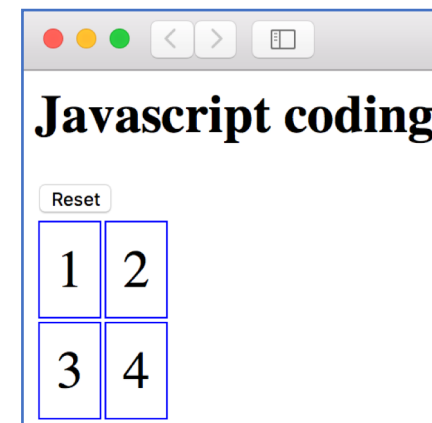


- **Reload page method:**

- `location` is an object that contains information about the current page
- `location.reload()` is a method that reloads the page (from the cache)

- **Code:**

- `<button type="button" onclick="location.reload()">Reset</button>`



15test.html

Example:

15 Puzzle

Tiles:

row: 0 col: 0	row: 0 col: 1	row: 0 col: 2	row: 0 col: 3
row: 1 col: 0	row: 1 col: 1	row: 1 col: 2	row: 1 col: 3
row: 2 col: 0	row: 2 col: 1	row: 2 col: 2	row: 2 col: 3
row: 3 col: 0	row: 3 col: 1	row: 3 col: 2	row: 3 col: 3

15 Puzzle

Tiles:

row: 0 col: 0	row: 0 col: 1	row: 0 col: 2	row: 0 col: 3
row: 1 col: 0	row: 1 col: 1	row: 1 col: 2	row: 1 col: 3
row: 2 col: 0	row: 2 col: 1	row: 2 col: 2	row: 2 col: 3
row: 3 col: 0	row: 3 col: 1	row: 3 col: 2	row: 3 col: 3

row:1 col:3

[Close](#)

15test.html

```
34<table id="puzzle">
35  <tr>
36    <td onclick="f(this)">row: 0<br>col: 0</td>
37    <td onclick="f(this)">row: 0<br>col: 1</td>
38    <td onclick="f(this)">row: 0<br>col: 2</td>
39    <td onclick="f(this)">row: 0<br>col: 3</td>
40  </tr>
41  <tr>
42    <td onclick="f(this)">row: 1<br>col: 0</td>
43    <td onclick="f(this)">row: 1<br>col: 1</td>
44    <td onclick="f(this)">row: 1<br>col: 2</td>
45    <td onclick="f(this)">row: 1<br>col: 3</td>
46  </tr>
47  <tr>
48    <td onclick="f(this)">row: 2<br>col: 0</td>
49    <td onclick="f(this)">row: 2<br>col: 1</td>
50    <td onclick="f(this)">row: 2<br>col: 2</td>
51    <td onclick="f(this)">row: 2<br>col: 3</td>
52  </tr>
53  <tr>
54    <td onclick="f(this)">row: 3<br>col: 0</td>
55    <td onclick="f(this)">row: 3<br>col: 1</td>
56    <td onclick="f(this)">row: 3<br>col: 2</td>
57    <td onclick="f(this)">row: 3<br>col: 3</td>
58  </tr>
59</table>
```

```
16<script>
17function f(e) {
18  var row = e.parentElement.rowIndex;
19  var col = e.cellIndex;
20  alert("row:" + row + " col:" + col)
21}
22</script>
```

Ask Questions!