

CS142: Section Javascript Mischief

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-

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HTML (Again)

▶ `<body>`

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- ▶ `<body>`
- ▶ `<div>`

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- ▶ `<body>`
- ▶ `<div>`
- ▶ `<a>`

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- ▶ `<div>`
- ▶ `<a>`
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How do you alter a specific HTML element with CSS ?

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- ▶ tag

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- ▶ tag
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- ▶ id

Example

How do you color this link in red ?

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<a href="#" class="myclass" id="myid">someurl</a>
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- ▶ **class:** .myclass { color:#FF0000; }

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- ▶ **tag:** a {color: red;}
- ▶ **class:** .myclass { color:#FF0000; }
- ▶ **id:** #myid { color:rgb(255, 0, 0); }

How do you alter a specific HTML element with Javascript ?

- ▶ Each element is an object.
- ▶ Javascript allows to select an element by its id.

Example

How do you **change** this link **href** ?

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- ▶ `v = document.getElementById('myid');`

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<a href="#" class="myclass" id="myid">someurl</a>
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- ▶ `v = document.getElementById('myid');`
- ▶ `v.href = "http://mysite.com";`

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Page reacts to **user actions**

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- ▶ Inputs
- ▶ Loading/Unloading
- ▶ Focus/Unfocus

How do you bind a **Javascript** function to an **Event** ?

- ▶ Most of HTML tags support action handlers.

How do you bind a **Javascript** function to an **Event** ?

- ▶ Most of HTML tags support action handlers.
- ▶ We bind javascript function to these handlers.

Some examples

Here is some examples of handlers:

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- ▶ mouse over: `<a onmouseover="somefunction()"`
- ▶ element loaded: `<a onload="somefunction()"`

How do you make an element disappear ?

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- ▶ visibility: visible or hidden

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- ▶ display: block, inline, none

Magic ?

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Do you know the difference ?