

Day 6 - jQuery

jQuery

jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers.

jQuery

```
<script src="jquery-2.1.1.js"></script>
```

```
<script>  
    $('body').text('hello?')  
</script>
```

Place the above in a fresh HTML document, just above the closing body tag. The first tag includes the jQuery library and makes it available to the page. The second script uses it to do some work.

The \$ Character

`$()` is a function designed to take in a string- a css selector- such as `$('#primary')` as input, and return all matching elements, wrapped with jQuery super powers.

<http://oscarotero.com/jquery/>

```
document.querySelector( 'h1' )
```

jQuery Function

```
$('body').css('background-color', 'red')
```

```
$('img').attr('src', 'http://i.imgur.com/nWGCwiE.gif')
)
```

```
$('h1').text('hello')
```

```
$('#notification').html('<div class="alert">Hold on!
<b>an error</b> has occurred!</p>')
```

```
$('.container').append("<p>What's the difference
between <i>.append()</i> and .html()?</p>")
```

Jquery Effect

```
$('h1').show()
```

convenience method to set element's 'display' property to 'block'

```
$('p#secret').hide()
```

set element's 'display' property to 'none'

```
$('ol li').fadeIn()
```

fade in a set of matched elements over time

```
$('p.comments').fadeOut()
```

fade out as set of matched elements over time

Jquery Effect

```
$('div#thing').slideDown()
```

animate an element sliding down over time

```
$('#message').slideUp()
```

animate an element sliding up over time

```
$('.alert').slideToggle()
```

toggle between an element sliding up or down over time depending on whether it's visible or not

Exe 1: Theme Changer

1. Ada 3 warna -> red, yellow, green
2. Minta user untuk memilih warna
3. Warna yang dipilih dijadikan background website, jadikan text color jadi putih

Exe 2: Profile Project

1. use variable js to define name, desc, etc
2. add cover
3. use jquery to add cover image