



Working with the DOM

Rendered HTML:

Vacation Packages

jQuery Travels

Hawaiian Vacation

Comments on this deal:

"Amazing Deal!"

"Can't wait to take this trip!"

GET PRICE

Call us at 1-555-jquery-air to make a reservation today!

3.1 Manipulating the DOM

Appending to the DOM

1 append a new DOM node

2 remove a DOM node

DOM representation of the document

DOCUMENT

li class="vacation"

h2

Hawaiian Vac...

button

Get Price

p

\$399.99

3.1 Manipulating the DOM

Appending to the DOM

application.js

```
$(document).ready(function() {  
    // create a <p> node with the price  
});
```

```
var price = "From $399.99";
```



```
var price = "<p>From $399.99</p>";
```

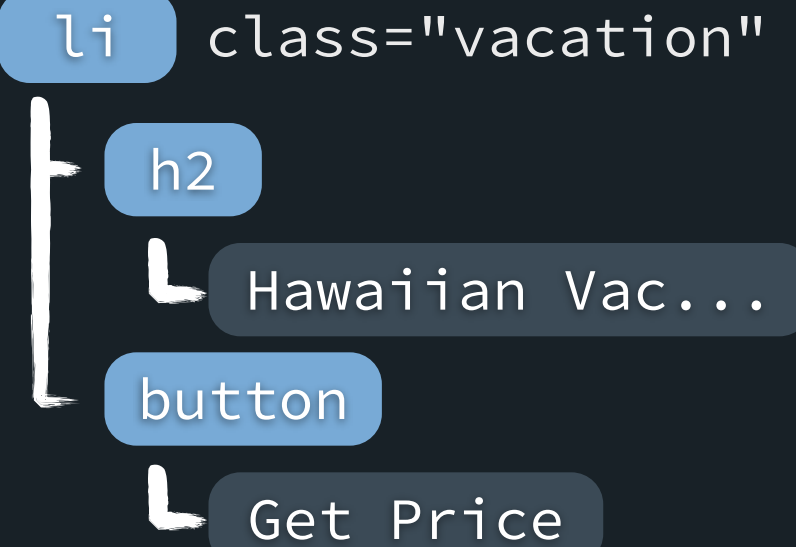


```
var price = $('<p>From $399.99</p>');
```

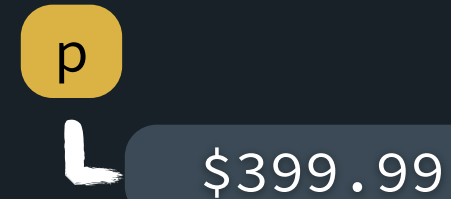


Creates a node but doesn't add it to the DOM

DOCUMENT



Price node (not in the DOM yet)



3.1 Manipulating the DOM

Appending to the DOM

application.js

```
$(document).ready(function() {  
  var price = $('<p>From $399.99</p>');  
});
```

ways to add this price node to the DOM

.append(<element>)

.prepend(<element>)

.after(<element>)

.before(<element>)

DOCUMENT

li class="vacation"

h2

Hawaiian Vac...

button

Get Price

Price node (not in the DOM yet)

p

\$399.99

3.1 Manipulating the DOM

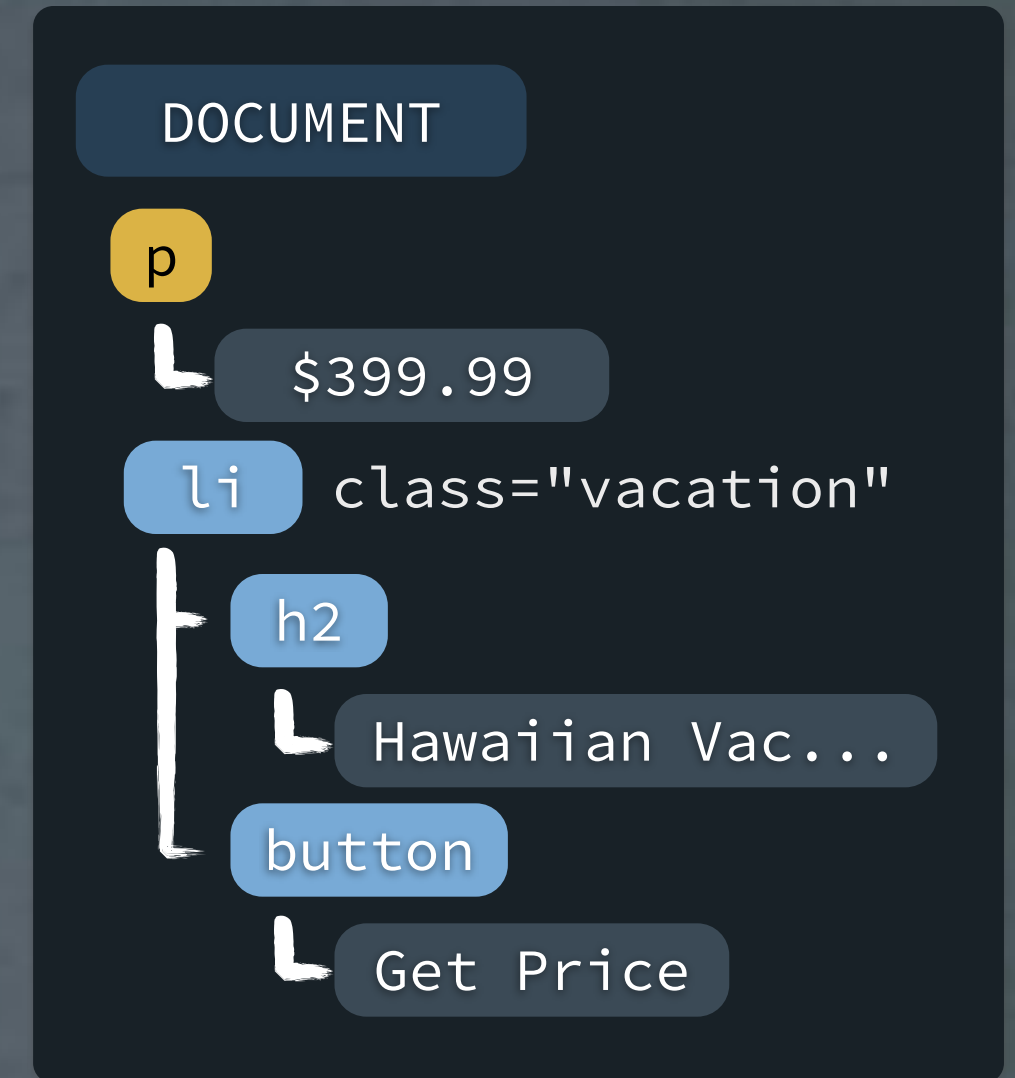
Before

application.js

```
$(document).ready(function() {  
  var price = $('<p>From $399.99</p>');  
  $('<div>.vacation</div>').before(price);  
});
```



Puts the price node before .vacation



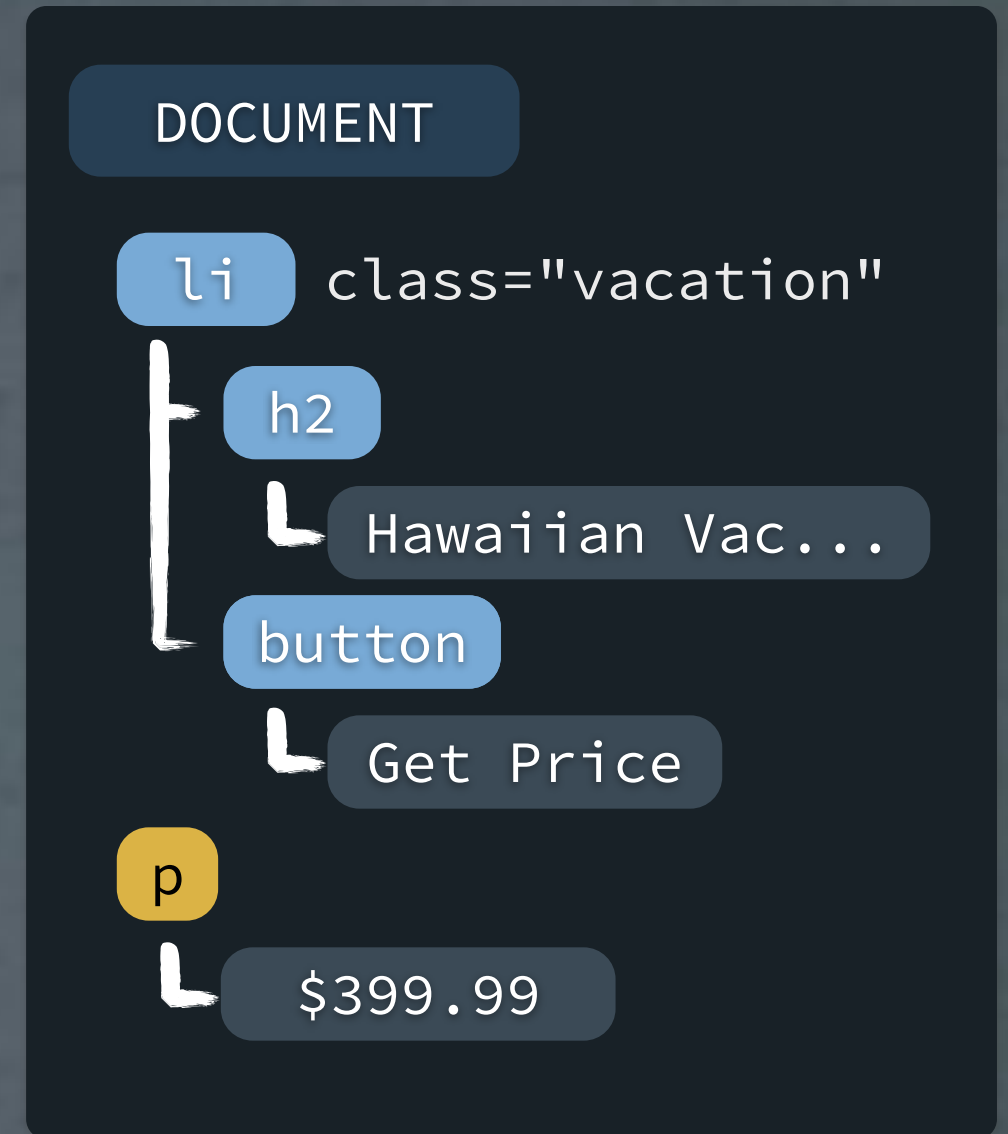
After

application.js

```
$(document).ready(function() {  
    var price = $('<p>From $399.99</p>');  
    $('.vacation').after(price);  
});
```



Puts the price node after .vacation



Prepend

application.js

```
$(document).ready(function() {  
  var price = $('<p>From $399.99</p>');  
  $('<div>.vacation</div>').prepend(price);  
});
```



Adds the node to the top of .vacation

DOCUMENT

li class="vacation"

p

\$399.99

h2

Hawaiian Vac...

button

Get Price

Prepend and Append

application.js

```
$(document).ready(function() {  
    var price = $('<p>From $399.99</p>');  
    $('.vacation').append(price);  
});
```



Puts the price node at the bottom of .vacation

DOCUMENT

li class="vacation"

h2

Hawaiian Vac...

button

Get Price

p

\$399.99

Removing from the DOM

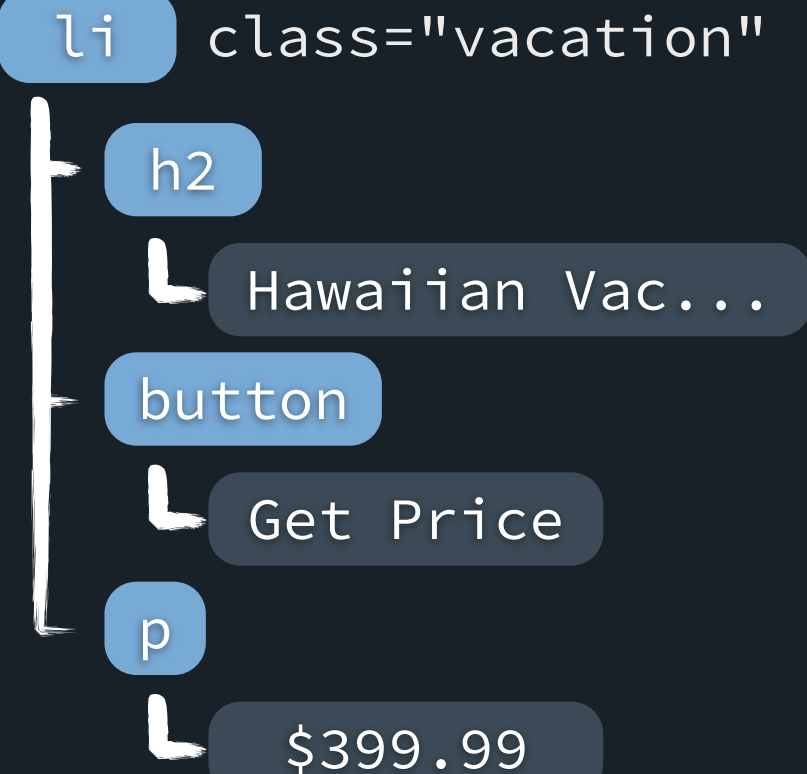
application.js

```
$(document).ready(function() {  
    var price = $('<p>From $399.99</p>');  
    $('.vacation').append(price);  
    $('button').remove();  
});
```



Removes the **<button>** from the DOM

DOCUMENT



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3.1 Manipulating the DOM

Appending to the DOM

application.js

```
$(document).ready(function() {  
  var price = $('<p>From $399.99</p>');  
  $('<div>.vacation</div>').append(price);  
  $('<div>button</div>').remove();  
});
```



Appends in the same place

`.appendTo(<element>)`

`.prependTo(<element>)`

`.insertAfter(<element>)`

`.insertBefore(<element>)`

```
price.appendTo($('<div>.vacation</div>'));
```



DOCUMENT

li class="vacation"

h2

Hawaiian Vac...

button

Get Price

Price node (not in the DOM yet)

p

\$399.99

3.1 Manipulating the DOM