Refactor using Traversing

Rendered HTML:

Vacation Packages

jQuery Travels

Hawaiian Vacation

Comments on this deal:

"Amazing Deal!"

"Can't wait to take this trip!"

GET PRICE

Orlando

Comments on this deal:

There aren't any comments on this deal yet.

GET PRICE

Visit Japan

Comments on this deal:

"Never been, but can't wait!"

GET PRICE

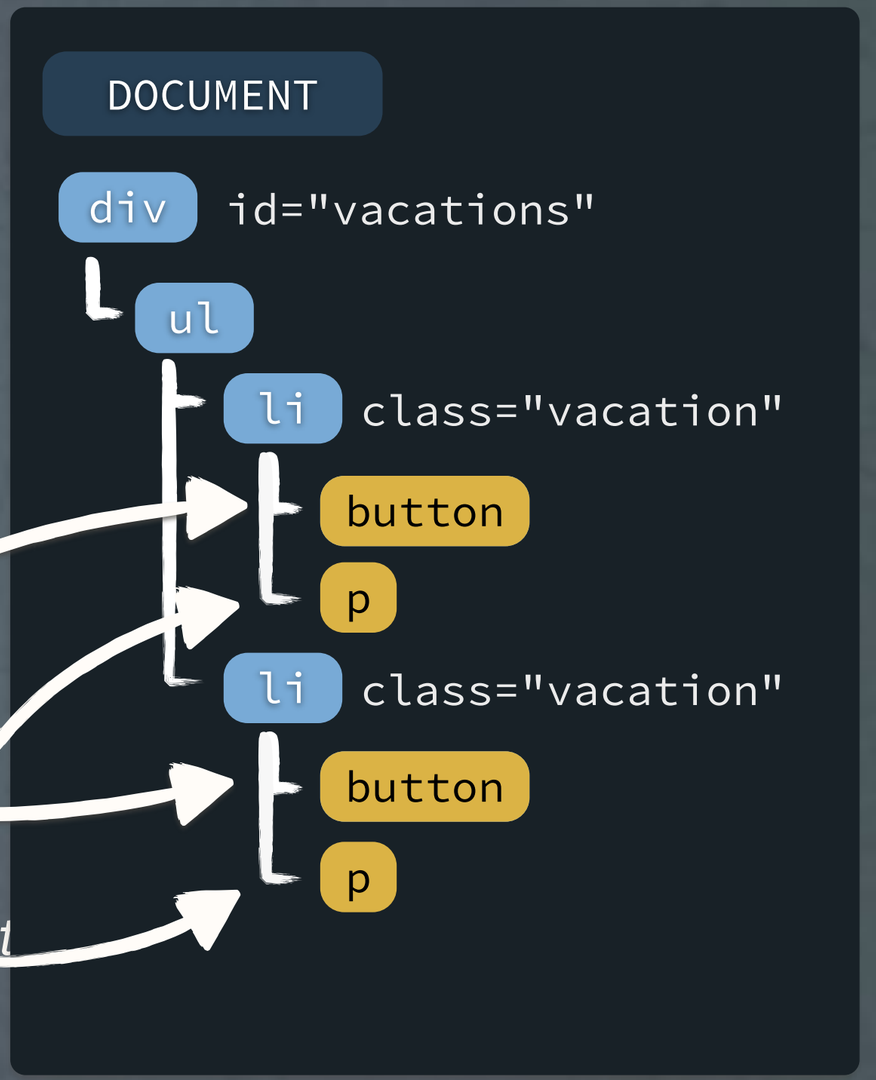
Call us at 555-2593 to make a reservation today!

What if there are multiple vacation packages?

Working, but with Errors

application.js

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



Every button will be removed

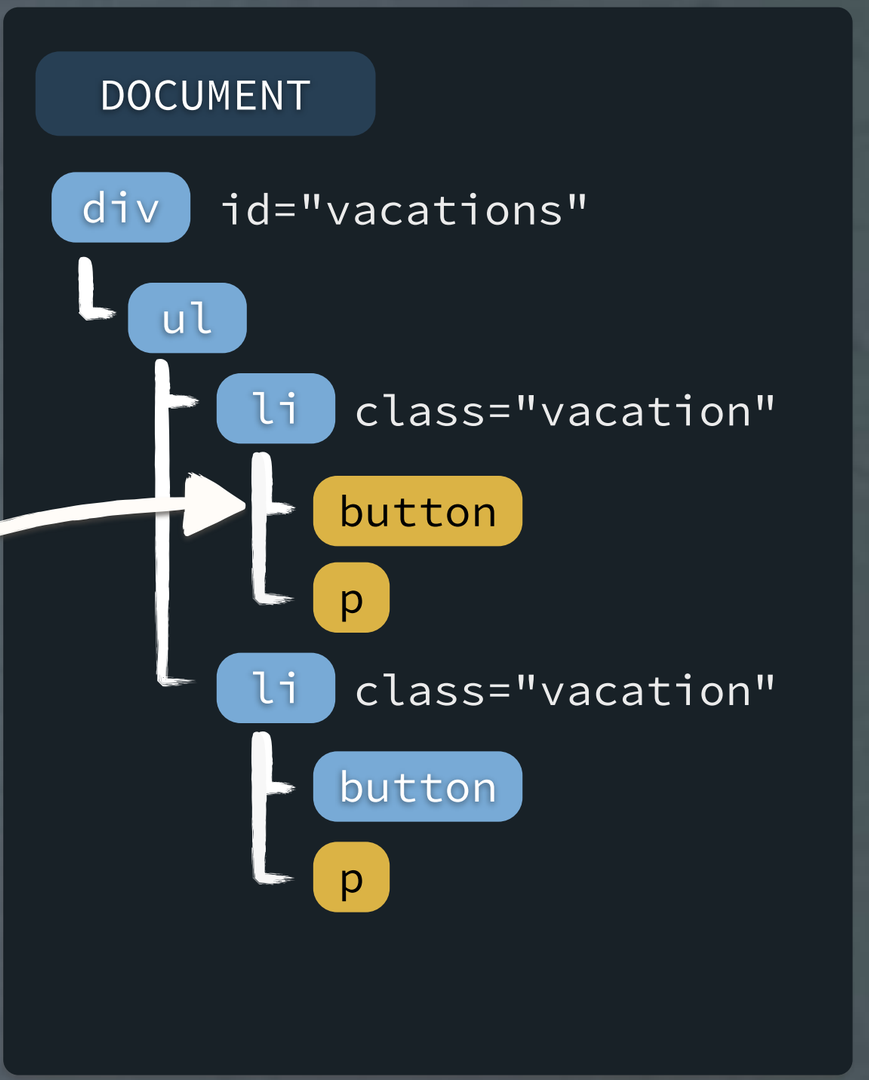
The price will be appended to bot
.vacation elements

An Introduction to $(this)

application.js

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

*If clicked, the button will be '**this**'*




```
this.remove();
```

Not a jQuery object, needs to be converted

```
$(this).remove();
```

3.3 Refactor Using Traversing

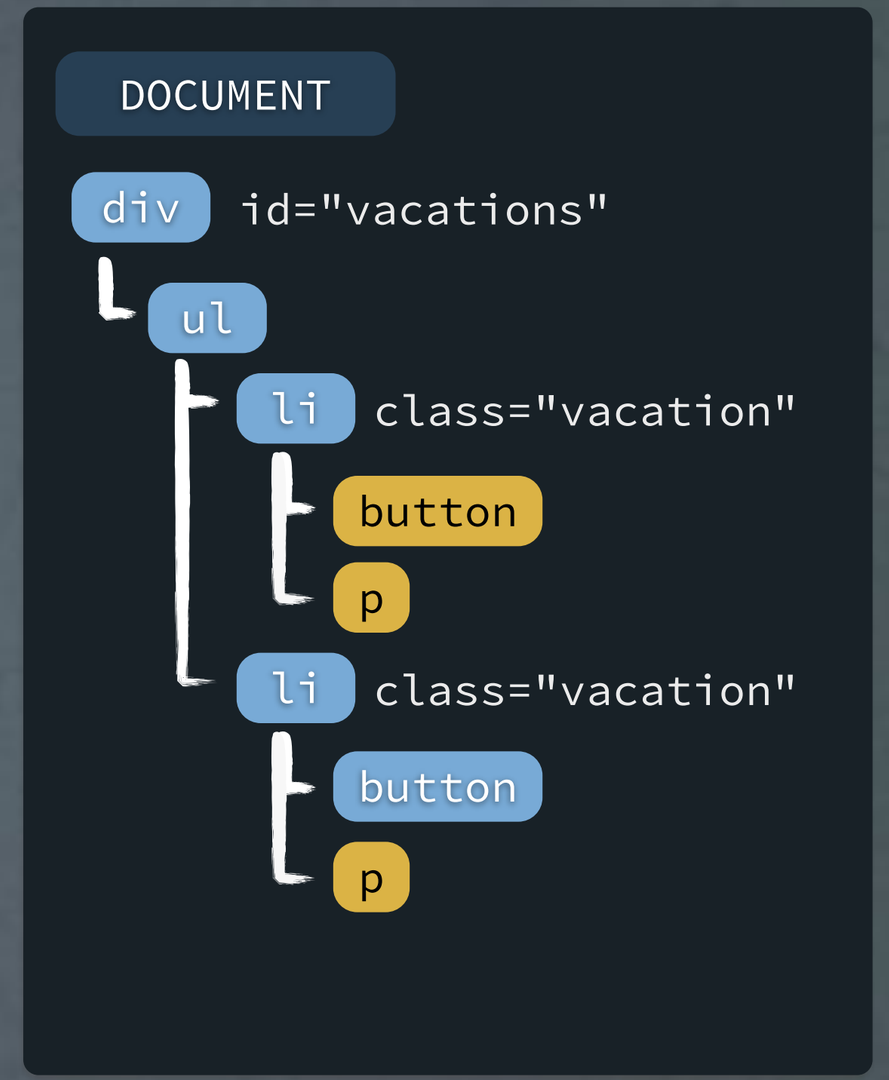
TRY jQUERY

An Introduction to $(this)

application.js

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

Only removes whichever button was clicked



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Call us at 555-2593 to make a reservation today!

The clicked button will now be removed

TRY jQuery

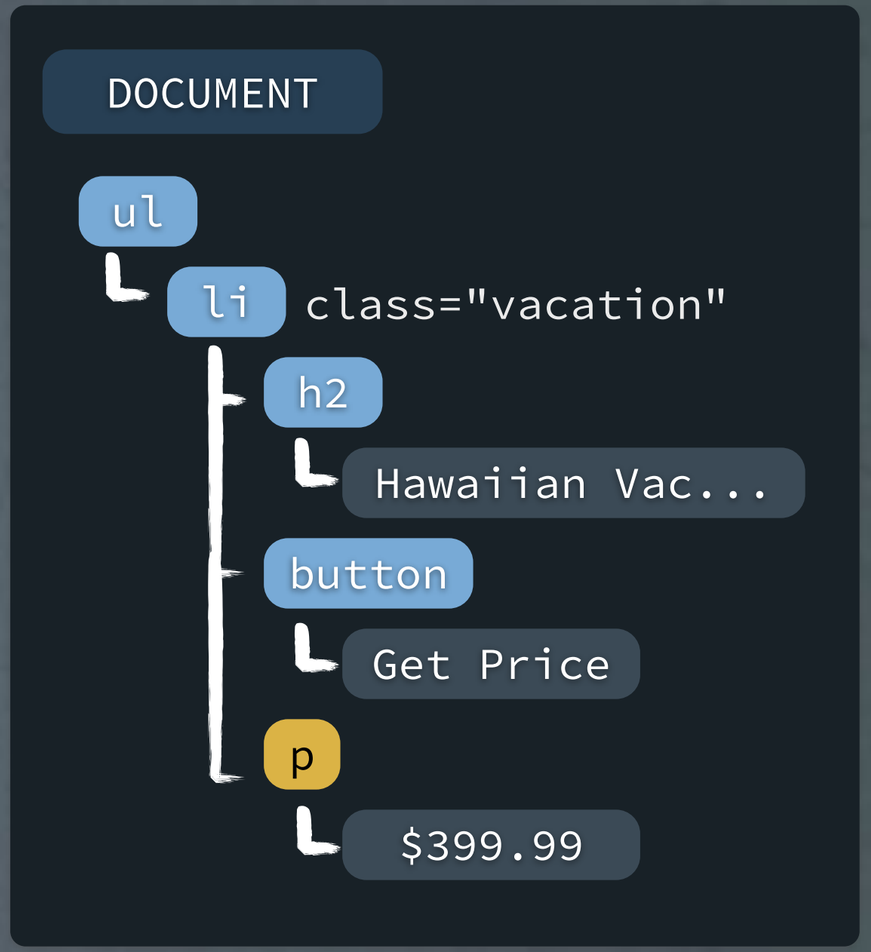
Traversing from $(this)

application.js

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

```
$(this).after(price);
```

*Adds the **<p>** node after the **<button>***

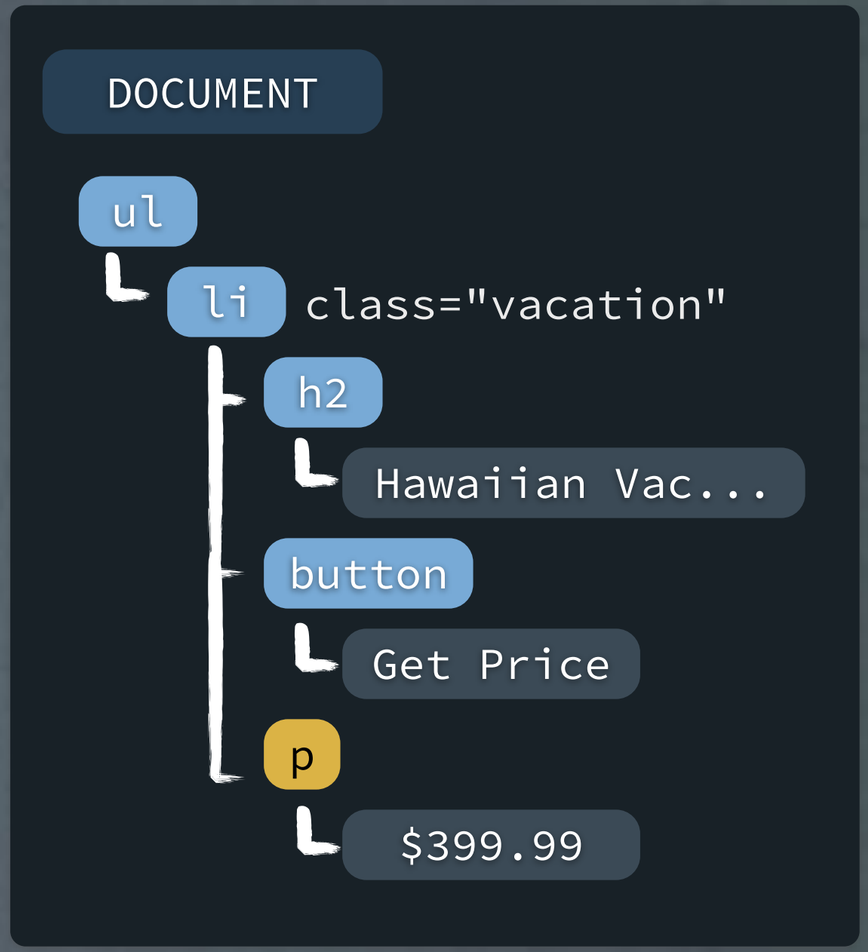


Traversing from $(this)

application.js

```
$(document).ready(function() {
  $('button').on('click', function() {
    var price = $('<p>From $399.99</p>');
    $(this).after(price);
    $(this).remove();
  });
});
```

Add the price as a sibling after button



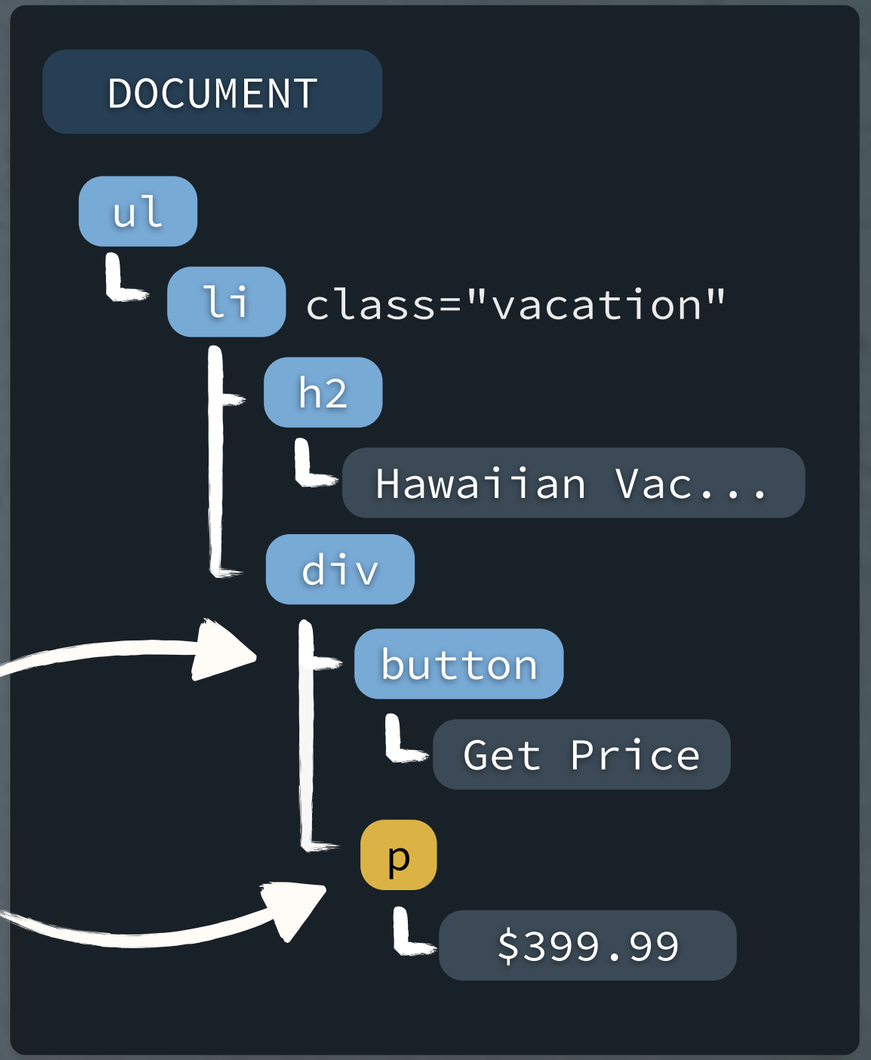
What if the button is moved?

application.js

```
$(document).ready(function() {
  $('button').on('click', function() {
    var price = $('<p>From $399.99</p>');
    $(this).after(price);
    $(this).remove();
  });
});
```

If the button is moved, the price will be moved

*How do we keep the price as a child of **<li>**?*



Using .closest(<selector>)

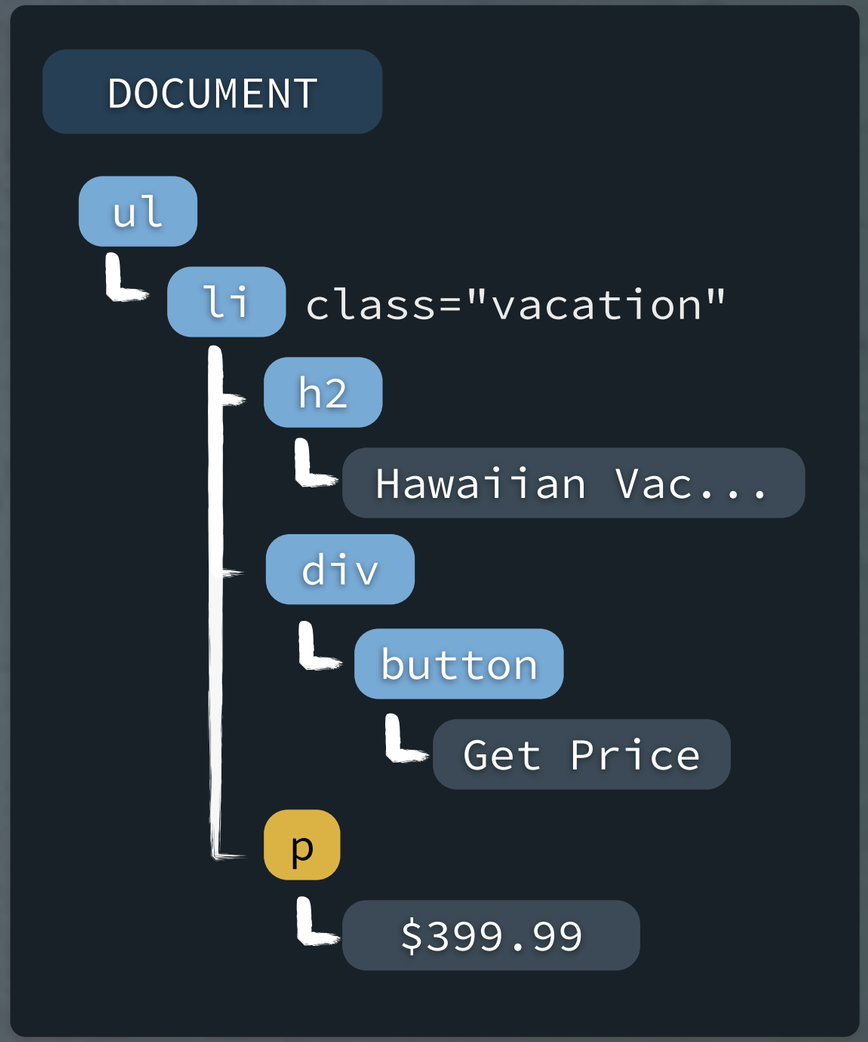
application.js

```
$(this).after(price);
```

```
$(this).parent().parent().append(price);
```

```
$(this).parents('.vacation').append(price);
```

```
$(this).closest('.vacation').append(price);
```

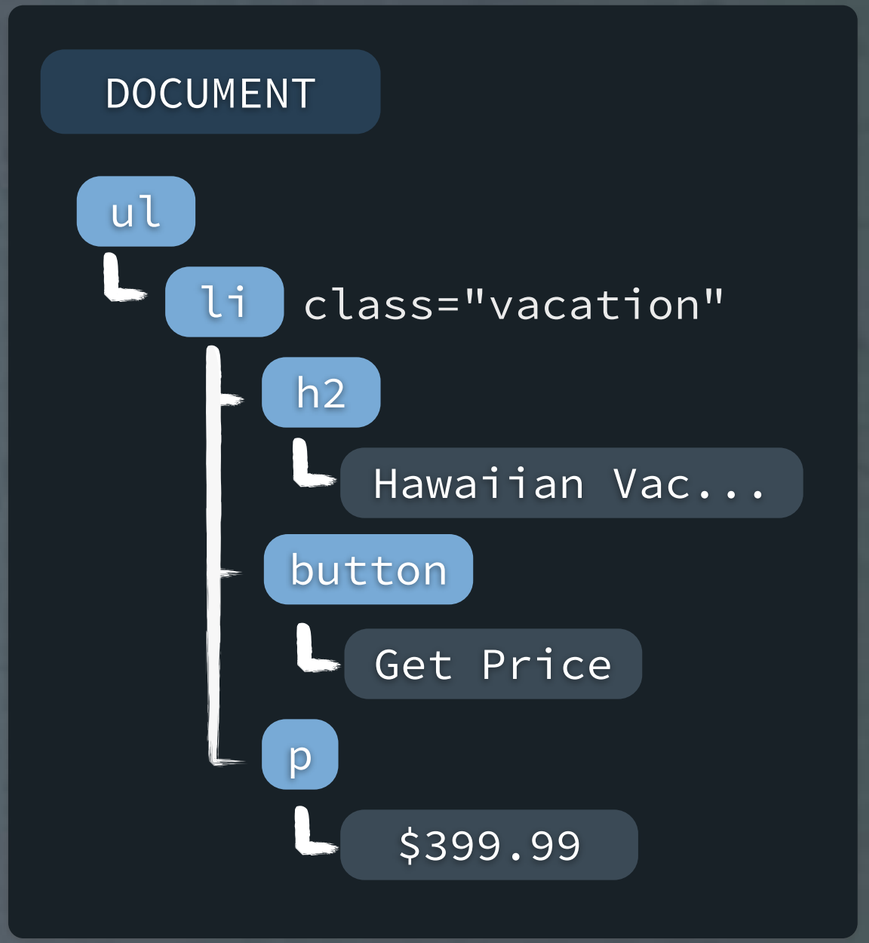


Our Finished Handler

application.js

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

Adds the <p> node at the bottom of .vacation



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The prices will be added at the right place