

In-class 6

jQuery - Working with Elements

- Submit everything on blackboard. Including all files
- Change only the .js file (no other file)
- Must be accomplished with JQuery

jQuery

1 Changing Content	<u>changing-content.html</u>	<u>changing-content.js</u>
2 Adding New Content	<u>adding-new-content.html</u>	<u>adding-new-content.js</u>
3 Work With Attributes	<u>attributes.html</u>	<u>attributes.js</u>
4 Changing CSS Rules	<u>css.html</u>	<u>css.js</u>

1. Changing Content

UPDATE ELEMENTS

<code>.html()</code>	<code>.text()</code>
<code>.replaceWith()</code>	<code>.remove()</code>

```
$('li#one').remove();
```



Changing-content.js



LISTKING

BUY GROCERIES

fresh figs

pine nuts

honey

balsamic vinegar





LISTKING

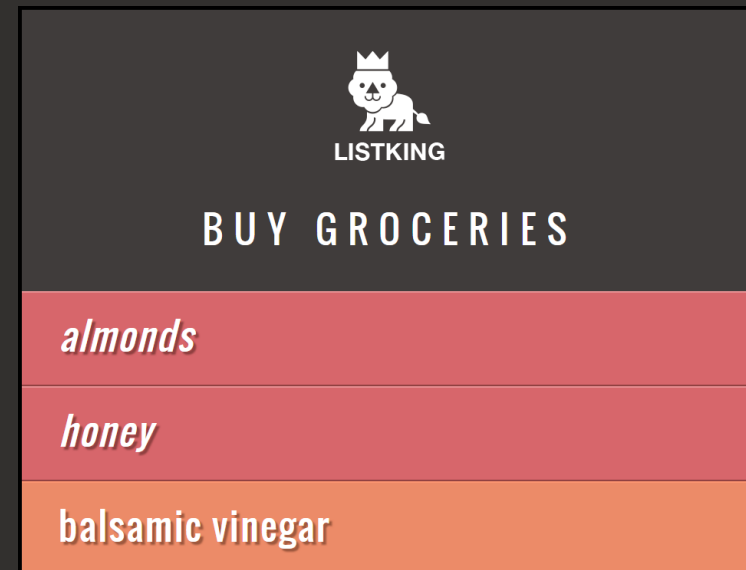
BUY GROCERIES

almonds

honey

balsamic vinegar

Changing-content.js



- Select any list items that contain the word pine. Then changes the text of the matching element to almonds using `.text ()`
- Select all list items whose class attribute contains word hot, and uses the `.html()` method to update the content of each with `` tag
- Select the `` element that has an id attribute whose value is one, then use `remove()` method to remove it

2. Adding New Content

INSERT ELEMENTS

`.before()`



`.after()`



` item `



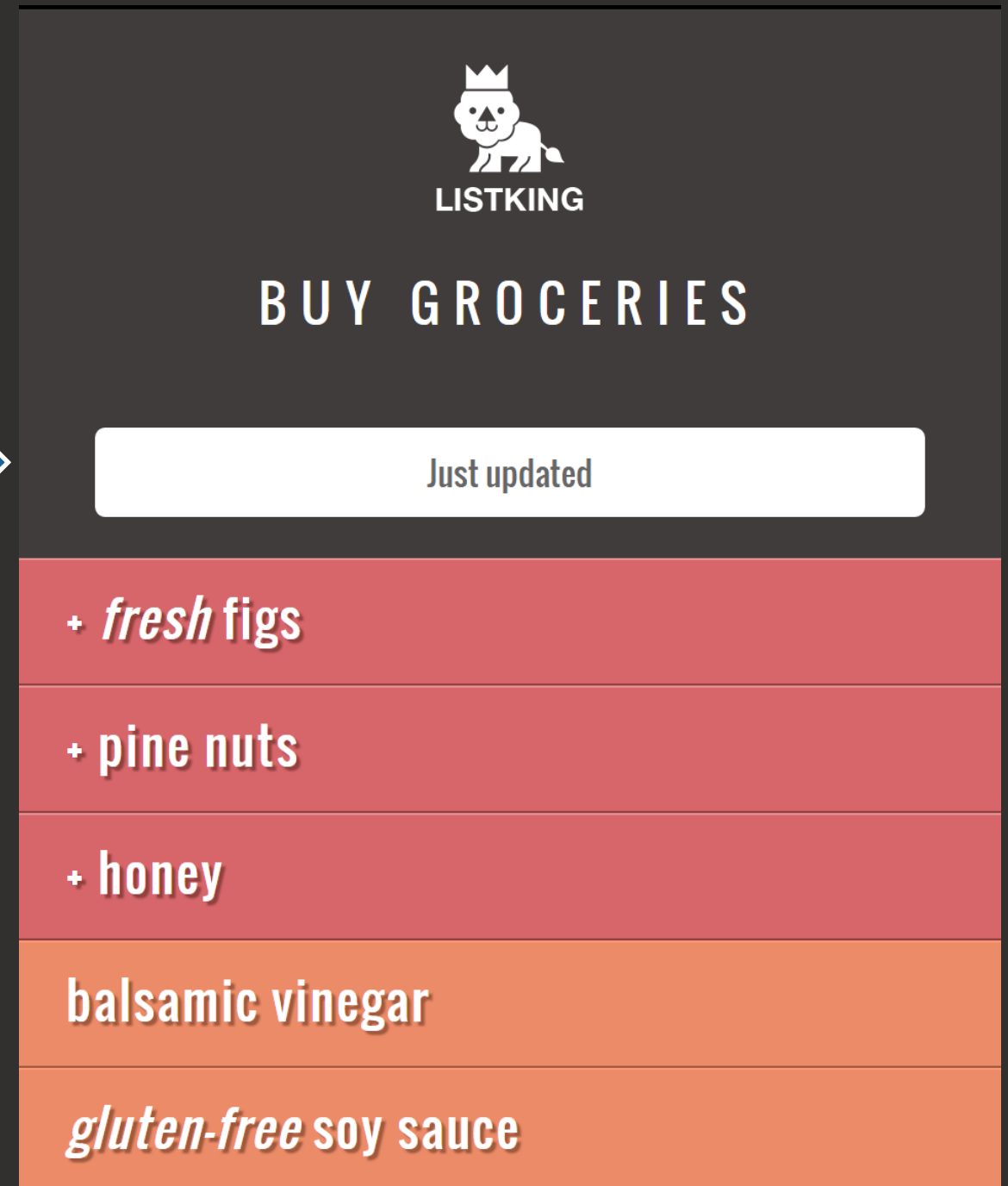
`.prepend()`



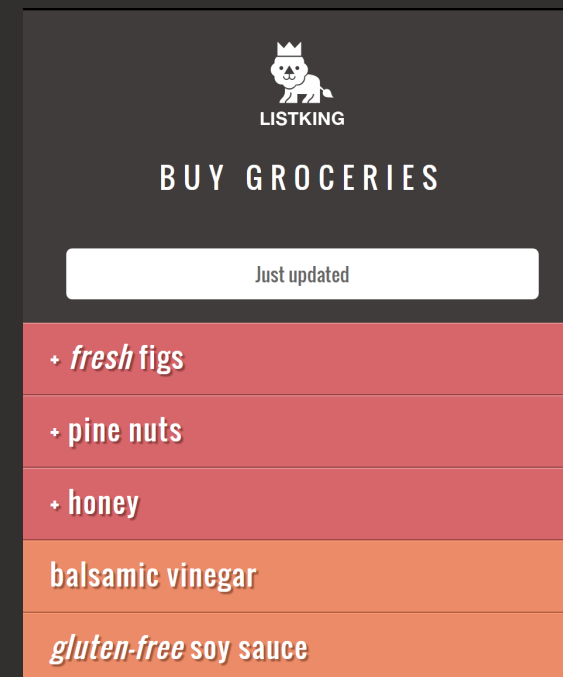
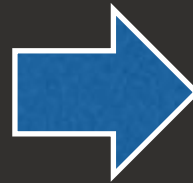
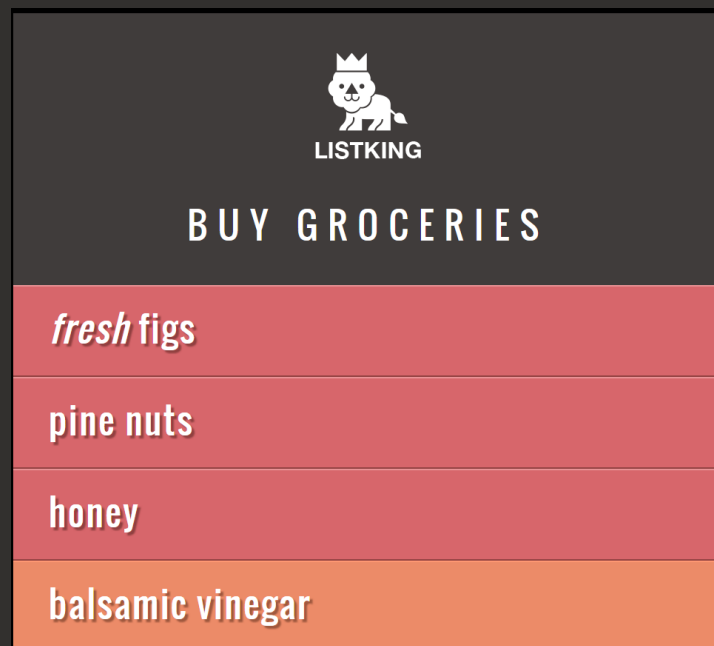
`.append()`



Adding-new-content.js



Adding-new-content.js



- Select the `` element and use `.before()` method to insert a new paragraph before the list: “Just Updated”.
- Select all `` elements whose class attribute contains a value of `hot` and uses the `.prepend()` method to add a plus symbol (+) before the text
- Create a new `` element and store as a variable. Select the last `` element and add the new element using `.after()` method

3. Work with Attributes

GET & SET ATTRIBUTES

<code>.attr()</code>	<code>.removeAttr()</code>
<code>.addClass()</code>	<code>.removeClass()</code>

```
$('a#top').addClass('button');
```



Attributes.js



BUY GROCERIES

fresh figs

pine nuts

honey

balsamic vinegar



BUY GROCERIES

fresh figs



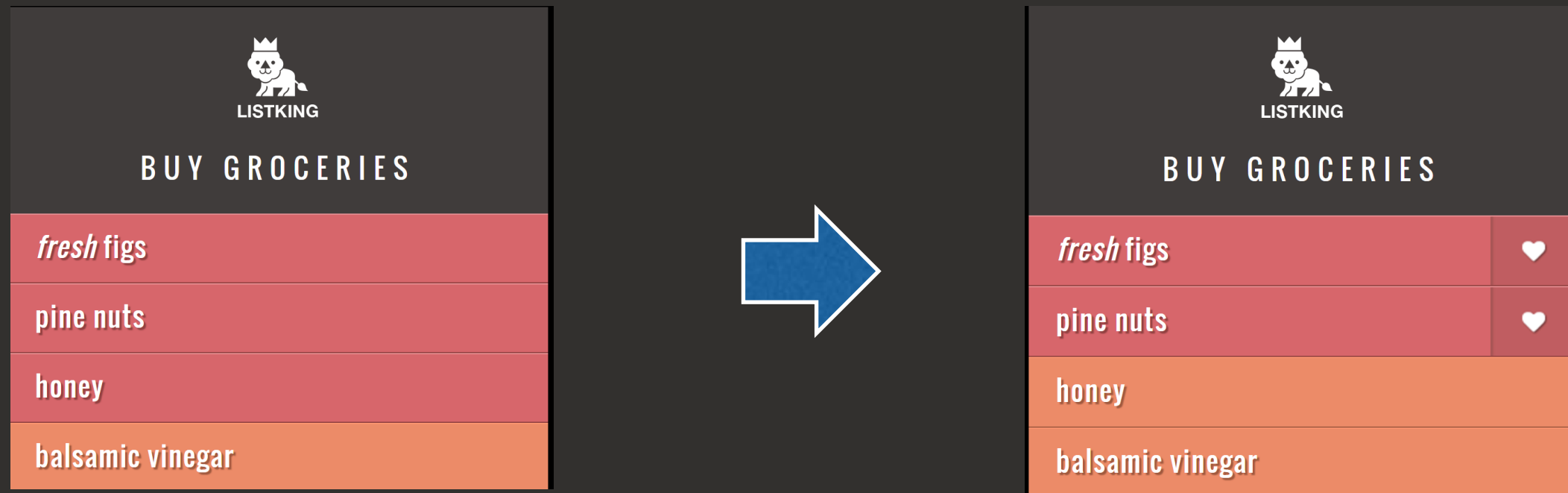
pine nuts



honey

balsamic vinegar

Attributes.js



- Find the third list item, and remove hot from the class attribute on that element
- Select all `` elements whose class attribute has a value of hot, add a new class name called favorite.

3. Changing CSS Rules

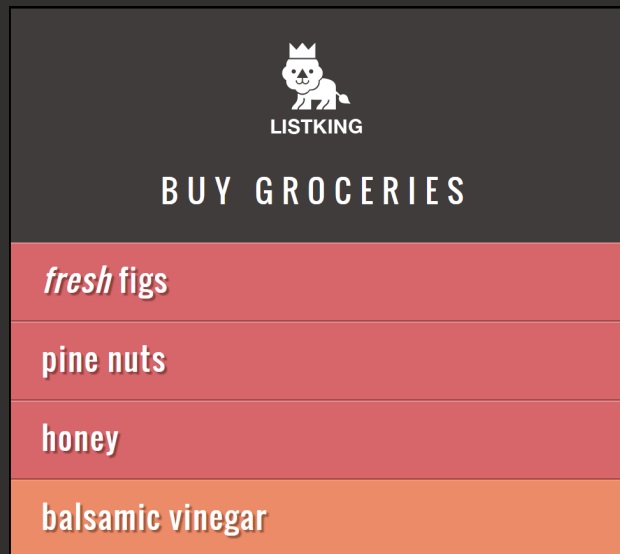
UPDATE CSS

```
.css({  
  'font-family': 'Arial',  
  'color': '#ffffff',  
  'font-size': '+=2'  
});
```

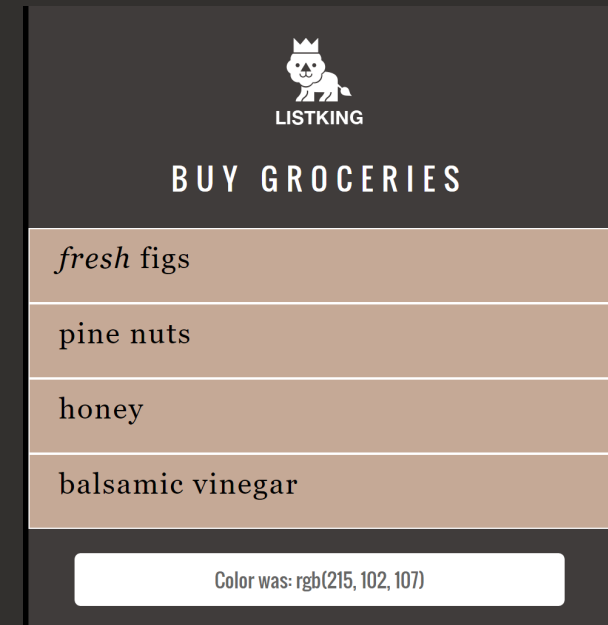


Css.js





Css.js



- Create backgroundColor variable for the value of the background-color property of the first list item
- Write the background color of the first list item into the page using append() after the element
- Change all elements, use .css() method to update several CSS properties at the same time:
 - Background color change to #c5a996
 - White solid border with 1px
 - Text change to black
 - Remove text shadow (set to none)
 - Font change to Georgia

EACH ELEMENT IN A SELECTION

```
$( 'li' ).each(function() {  
    var ids = this.id;  
    $(this).append( ' ' + ids );  
});
```

