

# Adding Content with Typography

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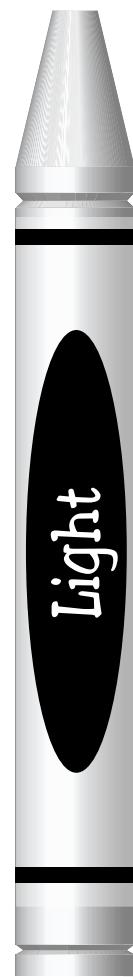
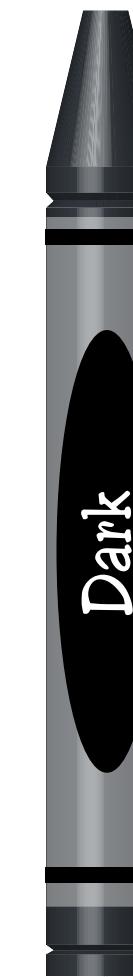
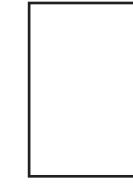
```
0402b-bootstrap-headlines-start.html
8 <!-- Bootstrap CSS -->
9 <link rel="stylesheet"
10 href="https://stackpath.bootstrapcdn.com/bootstrap/min.css" integrity="WskhaSGFgHYWDcbwN70/dfYBj47jktB" crossorigin="anonymous"
11
12 <title>Bootstrap Headlines</title>
13 </head>
14 <body>
15 <div class="container">
16
17 <h1 class="display-1">Man Bites Dog</h1>
18 <h1 class="display-2">Man Bites Dog</h1>
19 <h1 class="display-3">Man Bites Dog</h1>
20 <h1 class="display-4">Man Bites Dog</h1>
21
22 </div>
23 <!-- Optional JavaScript -->
24 <!-- jQuery first, then Popper.js, then Bootstrap JS -->
25 <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="q8i/X+965Dz00rT7abK41JStQIAqizo" crossorigin="anonymous"></script>
26 <script src="https://cdn.jsdelivr.net/npm/popper.min.js" integrity="ZMP7rVo3mIykV+2+9J3UJ46jBk0Wm49" crossorigin="anonymous"></script>
```

Bootstrap Headlines  
127.0.0.1:52564/0402b-bootstrap-headlines-start.html

Man Bites Dog  
Man Bites Dog  

---

Man Bites Dog  
Man Bites Dog



```
13 <header class="masthead">
14     text-align:center;
15     color: white;
16     background-image: url('img/header-
17         bg.jpg');
18     background-repeat: no-repeat;
19     background-attachment: scroll;
20     background-position: center;
21     background-size: cover;
22     width: 100vw;
23     height: 100vh;
24   }
25   </style>
26 </head>
27 <body id="top">
28   <header class="masthead">
29     <div class="container">
30       <div class="intro-text"></div>
31     </div>
32   </header>
33
34   <div class="container">
35     <h1 class="display-4 text-center">
36       <br><small class="text-muted">
```

Sends in a Little Bill</small>

Duchess! The Duchess! Oh my dear paws! Oh my fur and whiskers! She'll get me executed, as sure as ferrets are ferrets! Where can I have dropped them, I wonder?" Alice guessed in a moment that it was looking for the fan and the pair of white kid gloves, and she very good-naturedly began hunting about for them, but they were nowhere to be seen—everything seemed to have changed since her swim in the pool, and the great hall, with the glass table and the little door, had vanished completely.

Very soon the Rabbit noticed Alice, as she went hunting about, and called out to her in an angry tone, "Why, Mary Ann, what are you doing out here? Run home this moment, and fetch me a pair of gloves and a fan! Quick, now!" And Alice was so much frightened that she ran off at once in the direction it pointed to, without trying to explain the mistake it had made.

"He took me for his housemaid," she said to herself as she ran. "How surprised he'll be when he finds out who I am! But I'd better take him his fan and gloves—that is, if I can find them." As she said this, she came upon a neat little house, on the door of which was a bright brass plate with the name "W. RABBIT" engraved upon it. She went in without knocking, and hurried upstairs, in great fear lest she should meet the real Mary Ann, and be turned out of the house before she had found the fan and gloves.

"How queer it seems," Alice said to herself, "to be going messages for a rabbit! I suppose Dinah'll be sending me on messages next!" And she began fancying the sort of thing that would happen: "Miss Alice! Come here directly, and get ready for your walk!" "Coming in a minute, nurse! But I've got to see that the mouse doesn't get out." Only I don't think," Alice went on, "that they'd let Dinah stop in the house if it began ordering people about like that!"

4

THE RABBIT SENDS IN A

Little Bill

```
30      <div class="intro-text"></div>
31    </div>
32  </header>
33
34
35  <div class="container mt-4">
36
37    <h1 class="display-4">List of Characters</h1>
38
39  <ul>
40    <li><mark>Alice</mark></li>
41    <li><del>Queen of Hearts</del></li>
42    <li><s>Cheshire Cat</s></li>
43    <li><ins>Tweede Dee</ins></li>
44    <li><u>Tweedle Dum</u></li>
45    <li><small>Mad Hatter</small></li>
46    <li><strong>White Rabbit</strong></li>
47    <li><em>March Hare</em></li>
48
49  </ul>
50
51
52  </div>
53
54
55  <!-- Optional JavaScript -->
56  <!-- jQuery first, then Popper.js, then Bootstrap JS -->
57  <script src="https://code.jquery.com/jquery-  
3.3.1.slim.min.js" integrity="sha384-  
q8i/X+965Dz00rT7abK41JStQIAqVgRVzbzo5smXKp4YfRvH+8abtTE  
1Pi6iizo" crossorigin="anonymous"></script>
```



# List of Characters

- Alice
- Queen of Hearts
- Cheshire Cat
- Tweede Dee
- Tweedle Dum
- Mad Hatter
- White Rabbit
- March Hare

```
88      <li class="list-inline-item">Che
89      <li class="list-inline-item">Twe
90      <li class="list-inline-item">Twe
91      <li class="list-inline-item">Mad
92      <li class="list-inline-item">Whi
93      <li class="list-inline-item">Mar
94      </ul>
95      <hr class="mt-5">
96      <dl class="row">
97          <dt class="col-sm-3">Alice</dt>
98          <dd class="col-sm-9">The main
travels to wonderland</dd>
99
100     <dt class="col-sm-3">Dinah</dt>
101     <dd class="col-sm-9">Alice's c
never actually seen in the sto
very good at hunting, or so Al
</dd>
102
103     <dt class="col-sm-3">Mary Ann</dt>
104     <dd class="col-sm-9">The house
White Rabbit. Alice is confuse
Rabbit for Mary Ann</dd>
105
106
107     <dt class="col-sm-3 text-trunc
crab with its daughter and sev
birds</dt>
108     <dd class="col-sm-9">They fell
pool of tears.</dd>
109
```

Lists  
127.0.0.1:57428/0406-Lists.html

Queen of Hearts  
Cheshire Cat  
Tweedle Dee  
Tweedle Dum  
Mad Hatter  
White Rabbit  
March Hare

Alice Queen of Hearts Cheshire Cat Tweedle Dee Tweedle Dum Mad Hatter  
White Rabbit March Hare

Alice	The main character who travels to wonderland
Dinah	Alice's cat who is never actually seen in the story. The cat is very at hunting, or so Alice says.
Mary Ann	The housemaid of the White Rabbit. Alice is confused by the Whi Rabbit for Mary Ann
The old crab with...	They fell into Alice's pool of tears.
Tea Party Goers	The March Hare. He is holding a tea party with the Hatter and the Dormouse. Mad Hatter A guest at the tea part hosted by the Marc Hare.

```
19      background-position: center center;
20      background-size: cover;
21      width: 100vw;
22      height: 100vh;
23  }
24 </style>
25 </head>
26 ▼ <body id="top">
27
28 ▼   <header class="masthead">
29 ▼     <div class="container">
30       <div class="intro-text"></div>
31     </div>
32   </header>
33
34
35 ▼   <div class="container mt-4">
36
37   <h1>Alice's Adventures in Wonderland</h1>
38
39   </div>
40
41
42
43
44
45   <!-- Optional JavaScript -->
46   <!-- jQuery first, then Popper.js, then Bootstrap
JS -->
47   <script src="https://code.jquery.com/jquery-
3.3.1.slim.min.js" integrity="sha384-
```



# Alice's Adventures in Wonderland



127.0.0.1:59923/0408-responsive-floats.html

## Medium Devices > 768px

"Once," said the Mock Turtle  
at last, with a deep sigh,  
"I was a real Turtle."

cats.html (0408-start) — Brackets

```
nt="width=device-width, initial-scale=1,
```

```
strapcdn.com/bootstrap/4.1.1/css/bootst
```

```
384-
```

```
|z9qbsMId/iRN3ewGhXQFZCSftd1LZCfmhktB"
```

```
title>
```

```
<"text/css" href="0408-styles.css">
```

```
Extra-Small Devices < 576px </h3>
```

```
Small Devices > 576px</h3>
```

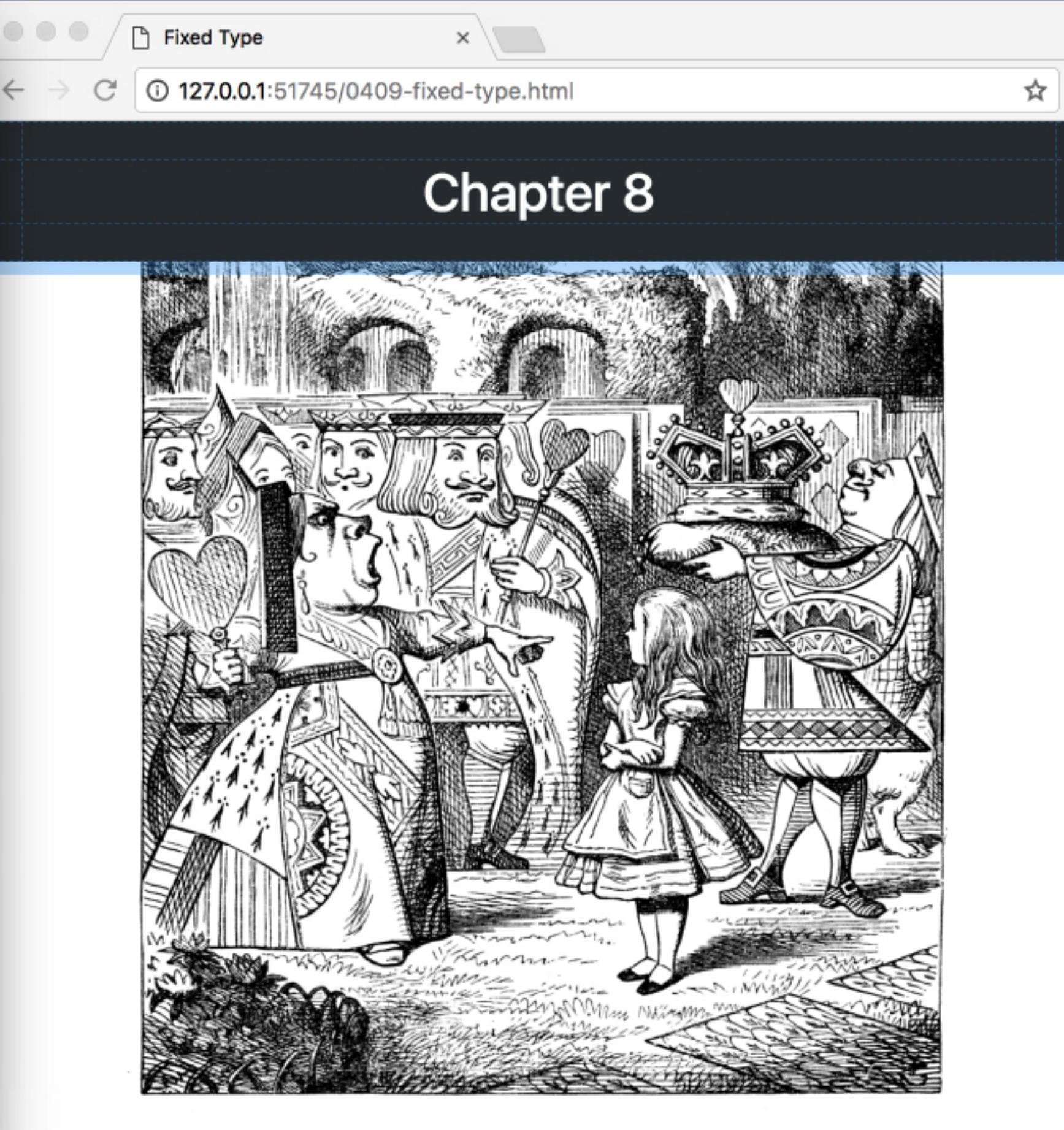
```
Medium Devices > 768px</h3>
```

```
Large Devices > 992px</h3>
```

```
(L-Large Devices > 1200px</h3>
```

```
said the Mock Turtle<br>at last, with a  
was a real Turtle.&rdquo;</p>
```

```
10\n11    <title>Fixed Type</title>\n12\n13    </head>\n14    <body>\n15\n16    <h2 class="text-center bg-dark text-white p-\n17        4 fixed-top">Chapter 8</h2>\n18\n19    <div class="container">\n20\n21        <p class="text-center"></p>\n24\n25        <div class="text-justify">\n26            <p class="mt-4"><strong>A</strong> large\n                rose-tree stood near the entrance of the\n                garden: the roses growing on it were\n                white, but there were three gardeners at\n                it, busily painting them red. Alice\n                thought this a very curious thing, and she\n                went nearer to watch them, and just as she\n                came up to them she heard one of them say,\n                &ldquo;Look out now, Five! Don&rdquo;t go\n                splashing paint over me like that!&rdquo;\n            </p>\n            <n>&ldquo;T couldn&rsquo;t help it &rdquo;\n
```



Let's get started.

# WAI-ARIA

*Web Accessibility Initiative - Accessible Rich Internet Applications*

*—MDN Web Docs*

# ARIA

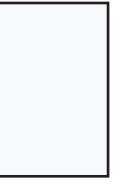
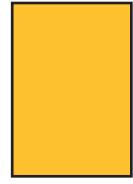
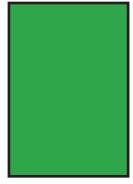
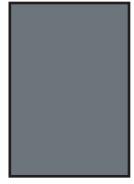
*Accessible Rich Internet Applications* is a set of attributes that define ways to make Web content and Web applications (especially those developed with Ajax, JavaScript and more recent web technologies like Bootstrap) more accessible to people with disabilities.

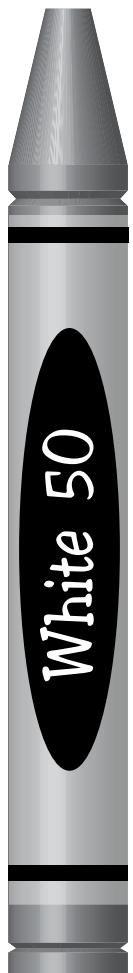
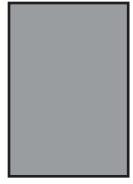
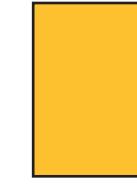
—MDN Web Docs

# DATA- (whatever)

Data-\* attributes allow us to store extra information on standard, semantic HTML elements without other hacks such as non-standard attributes, extra properties on DOM, or Node.setUserData().

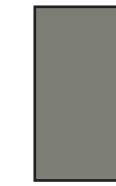
*—MDN Web Docs*



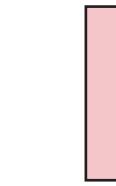
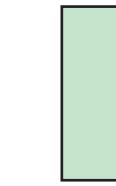




Original Colors



List Font Colors



List Bg Colors

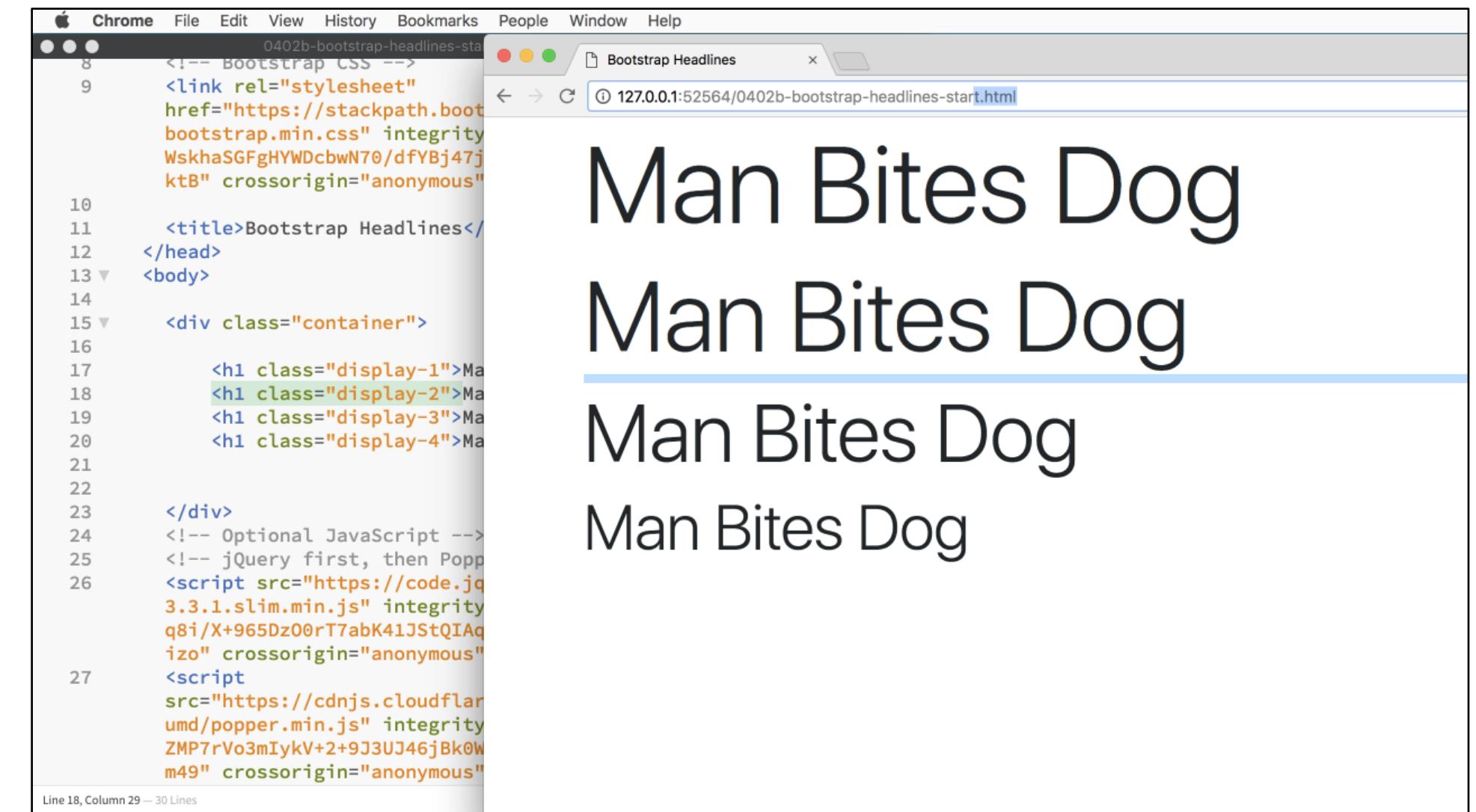


# Clearfix

Clears floated content within a container by adding the famous CSS hack created by Nicholas Gallagher. It is a way for any floated elements to clear any child elements without adding anymore HTML elements.



# Summary



The screenshot shows a Chrome browser window with the title "Bootstrap Headlines". The address bar displays the URL "127.0.0.1:52564/0402b-bootstrap-headlines-start.html". The left side of the window shows the HTML source code, and the right side shows the rendered web page.

**Source Code (Left):**

```
8      <!-- Bootstrap CSS -->
9      <link rel="stylesheet"
10     href="https://stackpath.bootstrapcdn.com/bootstrap/5.3.1/css/bootstrap.min.css" integrity="WskhaSGFgHYWDcbwN70/dfYBj47jkTB" crossorigin="anonymous"
11
12     <title>Bootstrap Headlines</title>
13   </head>
14   <body>
15     <div class="container">
16
17       <h1 class="display-1">Man Bites Dog</h1>
18       <h1 class="display-2">Man Bites Dog</h1>
19       <h1 class="display-3">Man Bites Dog</h1>
20       <h1 class="display-4">Man Bites Dog</h1>
21
22     </div>
23     <!-- Optional JavaScript -->
24     <!-- jQuery first, then Popper.js, then Bootstrap JS -->
25     <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="q8i/X+965Dz00rT7abK41JStQIAqizo" crossorigin="anonymous"></script>
26     <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js" integrity="ZMP7rVo3mIykV+2+9J3UJ46jBk0Wm49" crossorigin="anonymous"></script>
```

**Rendred Output (Right):**

Man Bites Dog  
Man Bites Dog

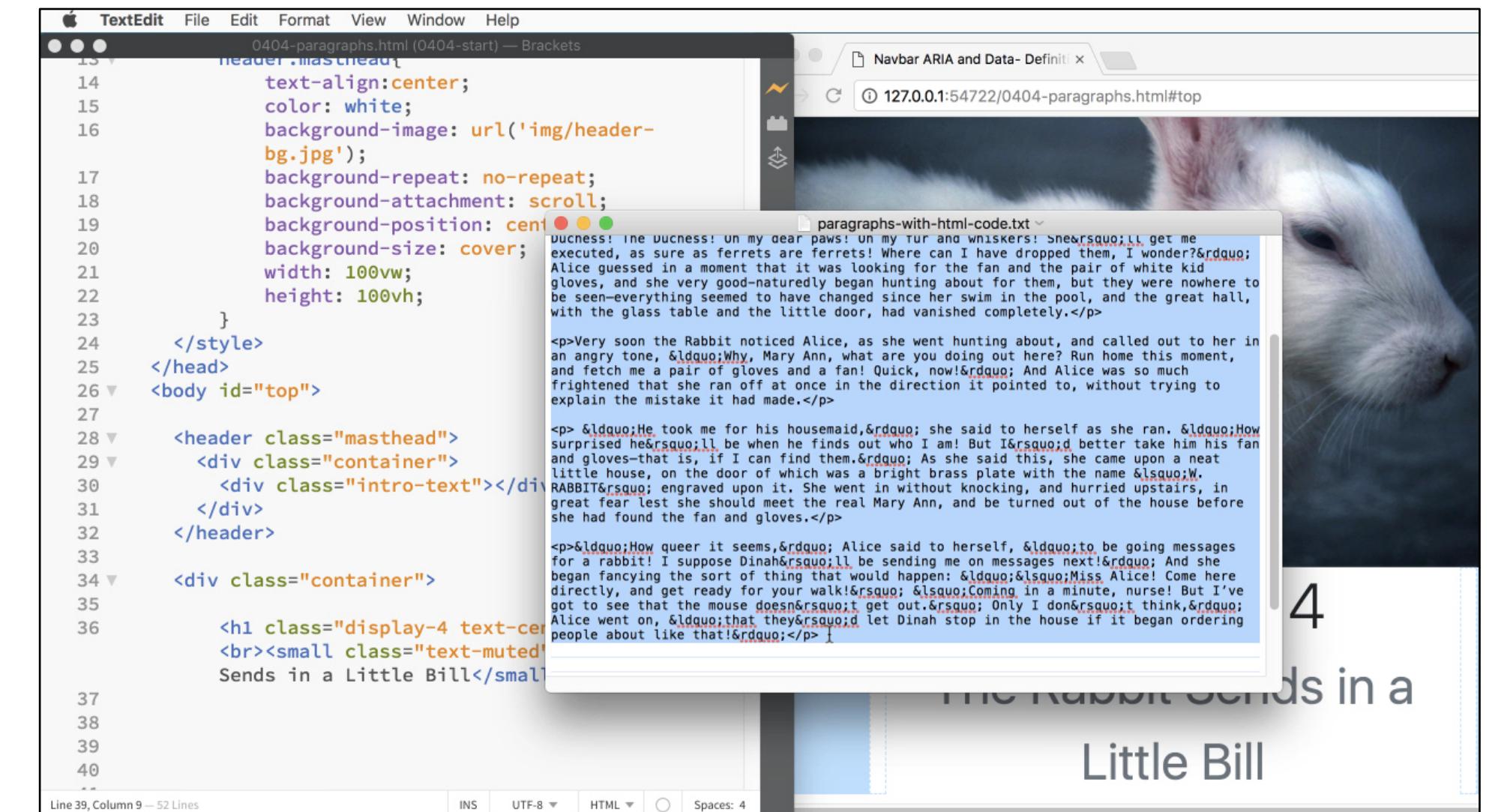
---

Man Bites Dog  
Man Bites Dog

# Summary



# Summary



The screenshot shows the Brackets IDE interface with the file "0404-paragraphs.html" open. The code editor displays the HTML structure and CSS for a page. A preview window on the right shows a close-up of a white rabbit's face. The page content includes several paragraphs of text from Alice in Wonderland, such as:

```
0404-paragraphs.html (0404-start) — Brackets
13 header.masthead {
14     text-align:center;
15     color: white;
16     background-image: url('img/header-
17     bg.jpg');
18     background-repeat: no-repeat;
19     background-attachment: scroll;
20     background-position: center;
21     background-size: cover;
22     width: 100vw;
23     height: 100vh;
24 }
25 </style>
26 </head>
27 <body id="top">
28 <header class="masthead">
29 <div class="container">
30     <div class="intro-text"></div>
31 </div>
32 </header>
33 <div class="container">
34 <h1 class="display-4 text-ce
35 <br><small class="text-muted">
36 Sends in a Little Bill</small>
37
38
39
40
```

4

THE RABBIT SENDS IN A  
Little Bill

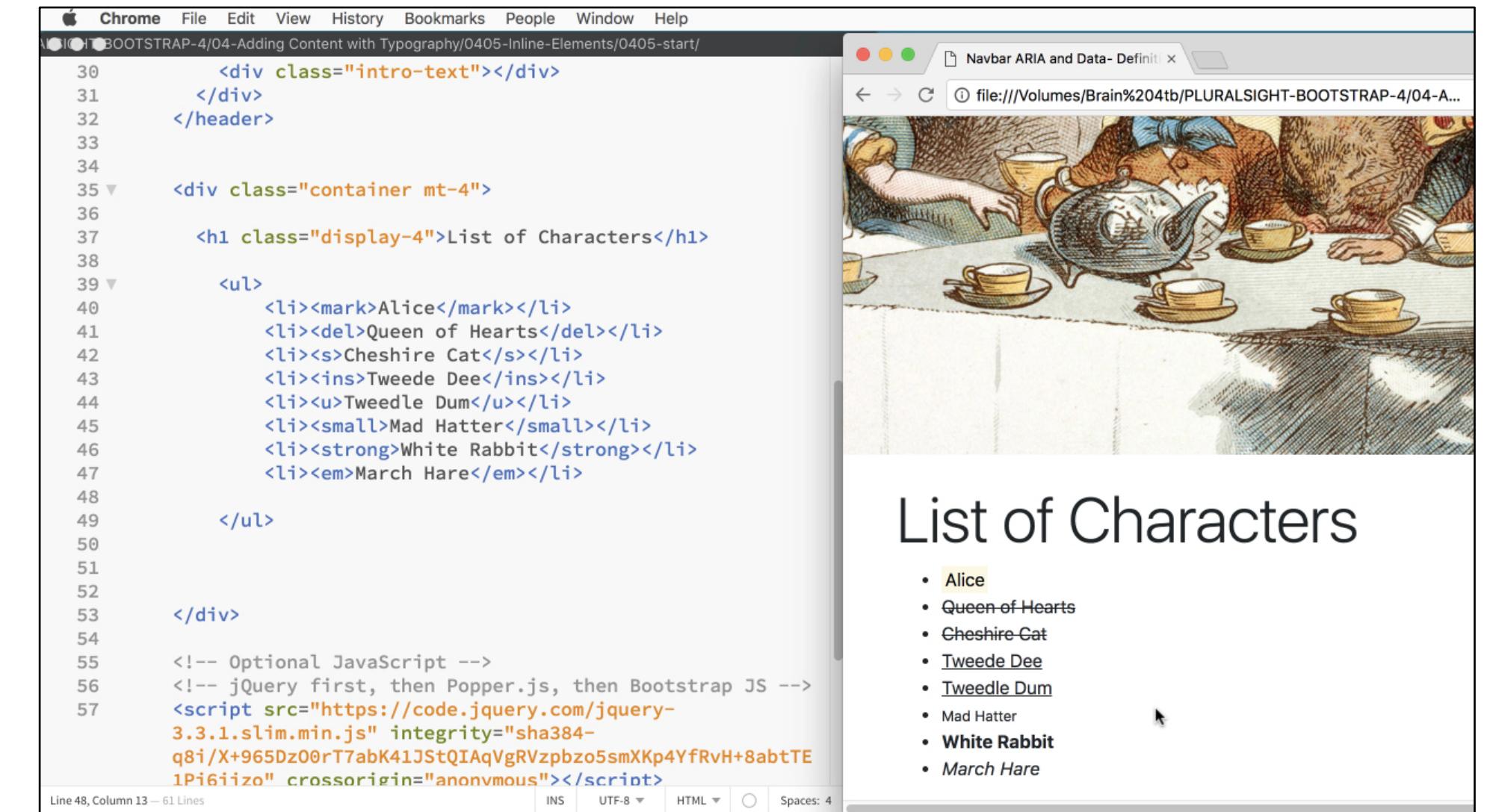
Duchess! The Duchess! On my dear paws! On my fur and whiskers! She'll get me executed, as sure as ferrets are ferrets! Where can I have dropped them, I wonder? Alice guessed in a moment that it was looking for the fan and the pair of white kid gloves, and she very good-naturedly began hunting about for them, but they were nowhere to be seen—everything seemed to have changed since her swim in the pool, and the great hall, with the glass table and the little door, had vanished completely.

Very soon the Rabbit noticed Alice, as she went hunting about, and called out to her in an angry tone, "Why, Mary Ann, what are you doing out here? Run home this moment, and fetch me a pair of gloves and a fan! Quick, now!" And Alice was so much frightened that she ran off at once in the direction it pointed to, without trying to explain the mistake it had made.

"He took me for his housemaid," she said to herself as she ran. "How surprised he'll be when he finds out who I am! But I'd better take him his fan and gloves—that is, if I can find them." As she said this, she came upon a neat little house, on the door of which was a bright brass plate with the name "W. RABBIT" engraved upon it. She went in without knocking, and hurried upstairs, in great fear lest she should meet the real Mary Ann, and be turned out of the house before she had found the fan and gloves.

"How queer it seems," Alice said to herself, "to be going messages for a rabbit! I suppose Dinah'll be sending me on messages next!" And she began fancying the sort of thing that would happen: "Miss Alice! Come here directly, and get ready for your walk!" "Coming in a minute, nurse! But I've got to see that the mouse doesn't get out." Only I don't think," Alice went on, "that they'd let Dinah stop in the house if it began ordering people about like that!"

# Summary



The screenshot shows a Mac desktop environment. On the left, a code editor window for Chrome displays an HTML file with a list of characters from Alice's Adventures in Wonderland. On the right, a browser window shows a classic illustration of the Mad Hatter's Tea Party.

**Code Editor (Chrome)**

```
30      <div class="intro-text"></div>
31    </div>
32  </header>
33
34
35  <div class="container mt-4">
36
37    <h1 class="display-4">List of Characters</h1>
38
39  <ul>
40    <li><mark>Alice</mark></li>
41    <li><del>Queen of Hearts</del></li>
42    <li><s>Cheshire Cat</s></li>
43    <li><ins>Tweede Dee</ins></li>
44    <li><u>Tweedle Dum</u></li>
45    <li><small>Mad Hatter</small></li>
46    <li><strong>White Rabbit</strong></li>
47    <li><em>March Hare</em></li>
48
49  </ul>
50
51
52
53  </div>
54
55  <!-- Optional JavaScript -->
56  <!-- jQuery first, then Popper.js, then Bootstrap JS -->
57  <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965Dz0rT7abK41JStQIAqVgRVzbzo5smXKp4YfRvH+8abtTE1Pi6iizo" crossorigin="anonymous"></script>
```

**Browser Window**

Navbar ARIA and Data- Definition

file:///Volumes/Brain%204tb/PLURALSIGHT-BOOTSTRAP-4/04-A...

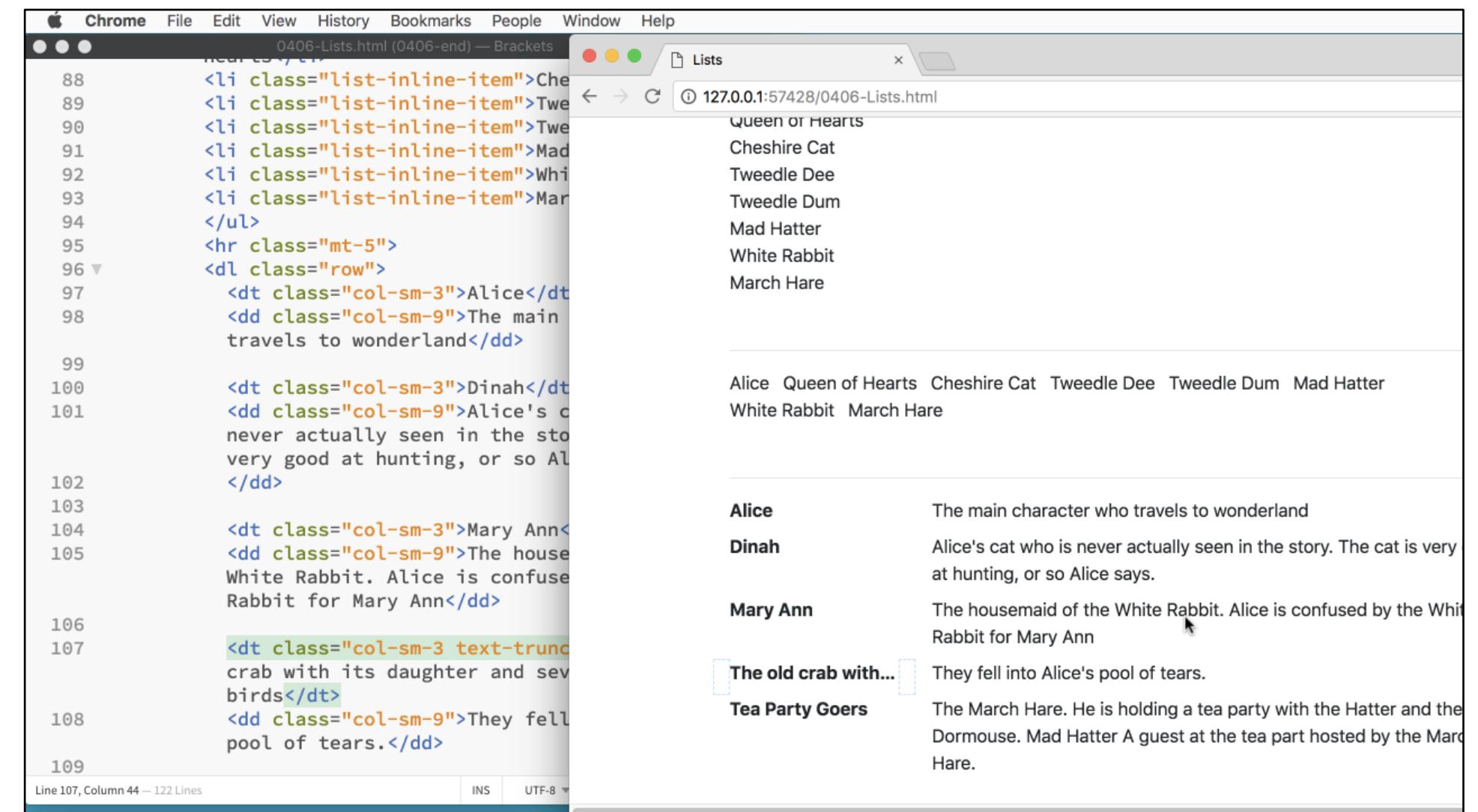


A classic illustration of the Mad Hatter's Tea Party from Lewis Carroll's Alice's Adventures in Wonderland. The Hatter is in the foreground, wearing a tall blue hat and a checkered jacket, holding a teapot. The March Hare is behind him, also holding a teapot. Several small cups and saucers are on the table.

## List of Characters

- Alice
- Queen of Hearts
- Cheshire Cat
- Tweede Dee
- Tweedle Dum
- Mad Hatter
- White Rabbit
- March Hare

# Summary



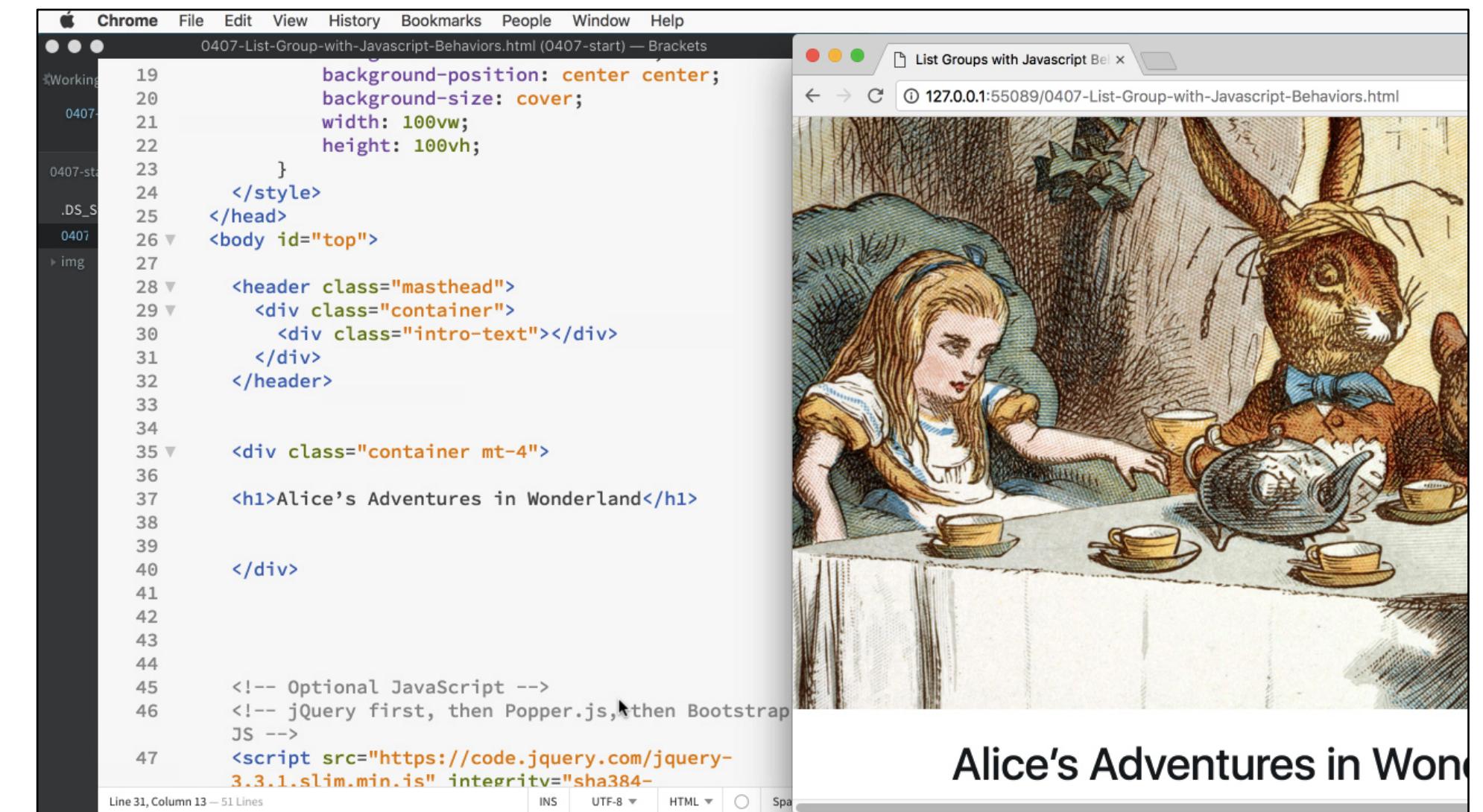
The screenshot shows a web browser window with the title "Lists" and the URL "127.0.0.1:57428/0406-Lists.html". The browser displays a list of characters from the story, with their names appearing in the address bar. The list is presented in two columns: names on the left and descriptions on the right. A tooltip for "The old crab with..." is visible at the bottom left. The code editor on the left shows the HTML and CSS used to generate the list.

Name	Description
Queen of Hearts	
Cheshire Cat	
Tweedle Dee	
Tweedle Dum	
Mad Hatter	
White Rabbit	
March Hare	
Alice	The main character who travels to wonderland
Dinah	Alice's cat who is never actually seen in the story. The cat is very good at hunting, or so Alice says.
Mary Ann	The housemaid of the White Rabbit. Alice is confused by the White Rabbit for Mary Ann
The old crab with...	They fell into Alice's pool of tears.
Tea Party Goers	The March Hare. He is holding a tea party with the Hatter and the Dormouse. Mad Hatter A guest at the tea part hosted by the March Hare.

```
0406-Lists.html (0406-end) — Brackets
88      <li class="list-inline-item">Che
89      <li class="list-inline-item">Twe
90      <li class="list-inline-item">Twe
91      <li class="list-inline-item">Mad
92      <li class="list-inline-item">Whi
93      <li class="list-inline-item">Mar
94      </ul>
95      <hr class="mt-5">
96      <dl class="row">
97          <dt class="col-sm-3">Alice</dt>
98          <dd class="col-sm-9">The main
travels to wonderland</dd>
99
100         <dt class="col-sm-3">Dinah</dt>
101         <dd class="col-sm-9">Alice's c
never actually seen in the sto
very good at hunting, or so Al
</dd>
102
103         <dt class="col-sm-3">Mary Ann</dt>
104         <dd class="col-sm-9">The house
White Rabbit. Alice is confuse
Rabbit for Mary Ann</dd>
105
106         <dt class="col-sm-3 text-trunc
crab with its daughter and sev
birds</dt>
107         <dd class="col-sm-9">They fell
pool of tears.</dd>
108
109
```

Line 107, Column 44 — 122 Lines    INS    UTF-8

# Summary



The screenshot shows a web development setup with two main windows. On the left, a Brackets code editor displays the HTML and CSS code for a website. The code includes a background image for the header, a masthead with an introduction, and a main container with a title. At the bottom, there's a script tag for jQuery. On the right, a browser window shows the final result: Alice's Adventures in Wonderland. Alice is sitting at a table with the White Rabbit, looking at a teapot.

```
19         background-position: center center;
20         background-size: cover;
21         width: 100vw;
22         height: 100vh;
23     }
24     </style>
25 </head>
26 <body id="top">
27
28 <header class="masthead">
29 <div class="container">
30   <div class="intro-text"></div>
31 </div>
32 </header>
33
34
35 <div class="container mt-4">
36
37   <h1>Alice's Adventures in Wonderland</h1>
38
39 </div>
40
41
42
43
44
45   <!-- Optional JavaScript -->
46   <!-- jQuery first, then Popper.js, then Bootstrap JS -->
47   <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+9jwhV3Dc6hBd7uG+QnA9aD+g+Qo+3t+85Qyv13" crossorigin="anonymous"></script>
```

Alice's Adventures in Wonderland

# Summary

A screenshot of a Mac OS X desktop environment. On the left is a window titled "Responsive Floats" displaying a web page. The page has a black header bar with the text "Medium Devices > 768px". Below the header is a green content area containing a quote from Alice in Wonderland: "Once," said the Mock Turtle at last, with a deep sigh, "I was a real Turtle." To the right of the browser is a Brackets code editor window titled "0408.html (0408-start) — Brackets". The code editor shows the following HTML and CSS:

```
<meta name="viewport" content="width=device-width, initial-scale=1, user-scalable=no">
<link href="https://maxcdn.bootstrapcdn.com/bootstrap/4.1.1/css/bootstrap.min.css" rel="stylesheet">
<link href="https://z9qbsMId/iRN3ewGhXQFZCSftd1LZCfmhkrtB" rel="stylesheet">
<title>
  Responsive Floats
</title>
<text/css" href="0408-styles.css">
```

The code editor also contains a sidebar with responsive design breakpoints:

- Extra-Small Devices < 576px
- Small Devices > 576px
- Medium Devices > 768px
- Large Devices > 992px
- XL-Large Devices > 1200px

Below the code editor, the status bar shows "Line 1, Column 1 — 35 Lines".

# Summary

The screenshot shows the Brackets IDE interface. On the left is the code editor with the file `0409-fixed-type.html` open. The code is as follows:

```
10 <title>Fixed Type</title>
11
12 </head>
13 <body>
14
15
16 <h2 class="text-center bg-dark text-white p-4 fixed-top">Chapter 8</h2>
17
18 <div class="container">
19
20 <p class="text-center"></p>
21
22 <p class="h2 bg-dark text-white text-center p-1">The Queen's Croquet-Ground</p>
23
24 <div class="text-justify">
25 <p class="mt-4"><strong>A</strong> large rose-tree stood near the entrance of the garden: the roses growing on it were white, but there were three gardeners at it, busily painting them red. Alice thought this a very curious thing, and she went nearer to watch them, and just as she came up to them she heard one of them say, &ldquo;Look out now, Five! Don&rdquo;t go splashing paint over me like that!&rdquo;
26 </p>
<p>&ldquo;I couldn&rsquo;t help it.&rdquo;</p>
```

The code editor has syntax highlighting and line numbers. Below the code are status bar icons for Line 16, Column 58, 110 Lines, INS, UTF-8, HTML, and Spaces: 4.

On the right, a browser window titled "Fixed Type" shows the rendered HTML. The title "Chapter 8" is centered above a large image of the Queen of Hearts from Alice in Wonderland. Below the image is a text block from Lewis Carroll's original text. The browser status bar shows the URL `127.0.0.1:51745/0409-fixed-type.html`.

A black and white illustration from Lewis Carroll's *Alice's Adventures in Wonderland*. It depicts Alice standing in front of a large, ornate archway. Behind her, several figures wearing crowns and playing cards are gathered, including the Queen of Hearts and the King of Hearts. Alice looks surprised or worried. The scene is set in a garden with trees and foliage in the background.