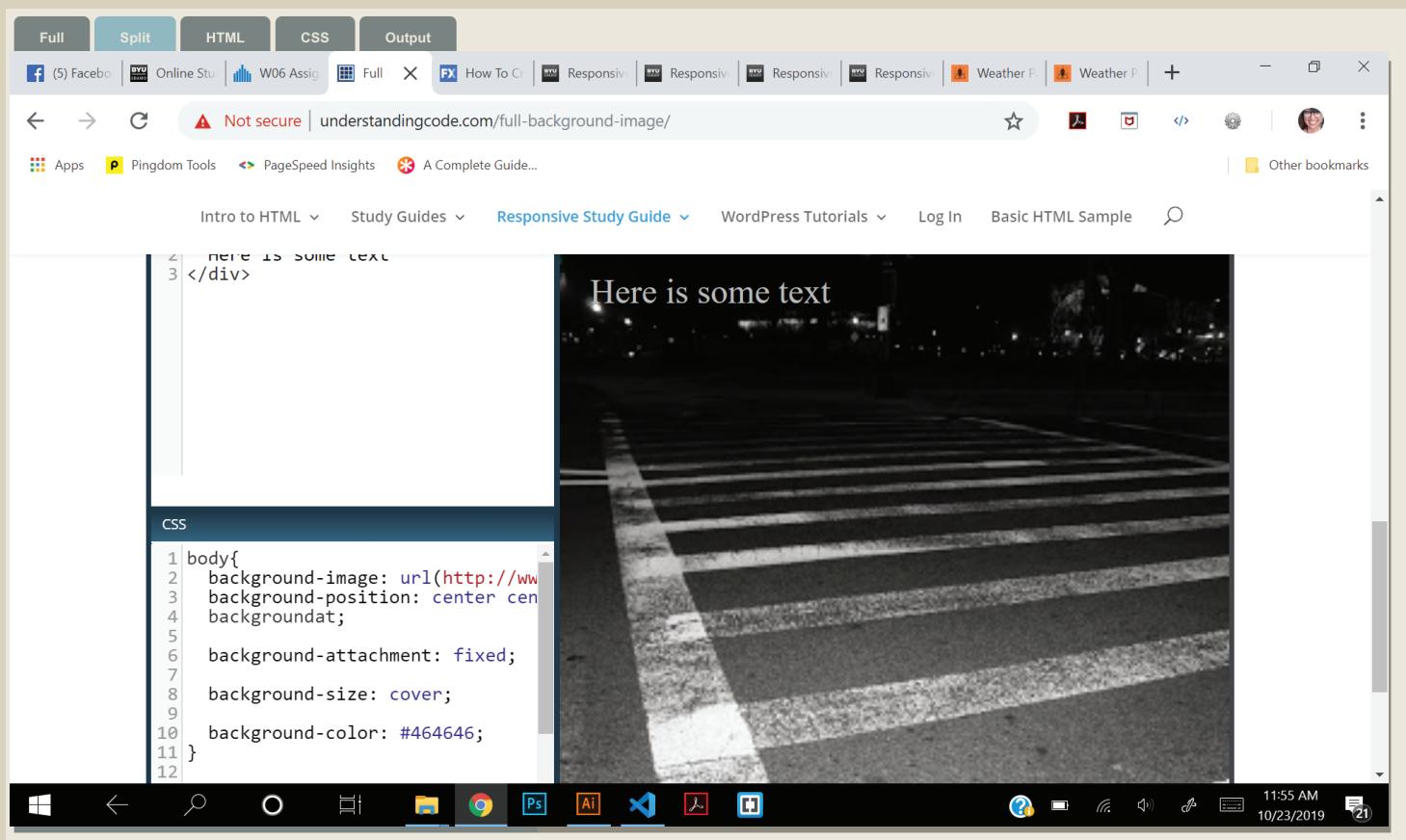


Responsive Study Guide

1

Student Name: Itzel Garcia

Full Background Images

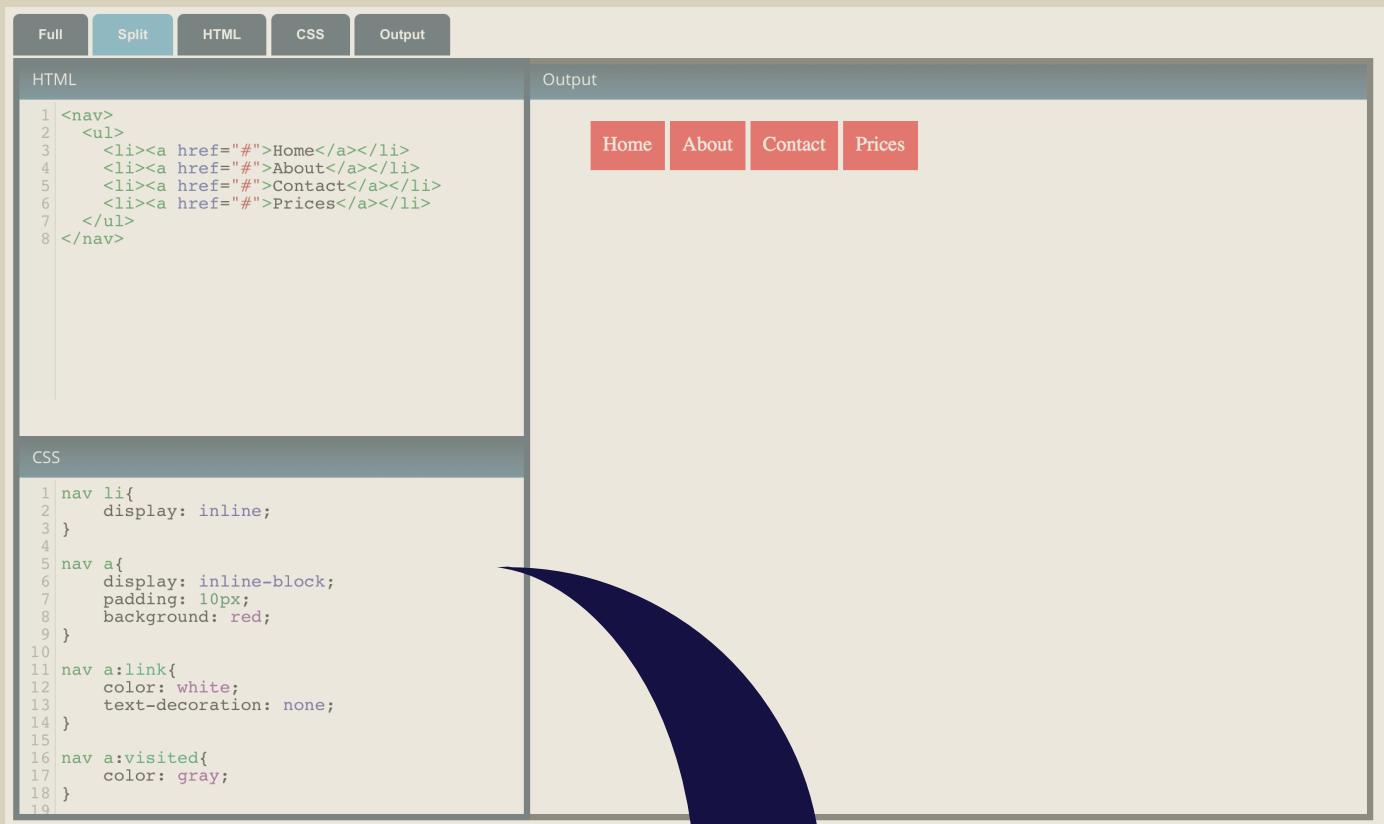


A screenshot of a web browser window displaying a responsive study guide. The browser interface includes tabs, a toolbar, and a navigation bar. On the left, there are code editors for HTML and CSS. The main content area shows a dark image of a city street at night with white crosswalk lines. Overlaid on the image is the text "Here is some text". The CSS code in the editor is:

```
body{  
background-image: url(http://www.w3schools.com);  
background-position: center center;  
background-size: cover;  
background-color: #464646;  
}
```

CSS Transitions

Read An Introduction to CSS Transitions before attempting this activity (linked in instructions)
 Complete and insert a screenshot of the activity at the bottom of
<http://www.understandingcode.com/css-transitions/>



The screenshot shows a CSS editor interface with five tabs: Full, Split, HTML, CSS, and Output. The HTML tab contains the following code:

```

1 <nav>
2   <ul>
3     <li><a href="#">Home</a></li>
4     <li><a href="#">About</a></li>
5     <li><a href="#">Contact</a></li>
6     <li><a href="#">Prices</a></li>
7   </ul>
8 </nav>

```

The CSS tab contains the following code:

```

1 nav li{
2   display: inline;
3 }
4
5 nav a{
6   display: inline-block;
7   padding: 10px;
8   background: red;
9 }
10
11 nav a:link{
12   color: white;
13   text-decoration: none;
14 }
15
16 nav a:visited{
17   color: gray;
18 }
19

```

The Output panel shows a navigation bar with four red buttons labeled Home, About, Contact, and Prices.

Copy/Paste finished CSS code below

```

nav li{
  display: inline;
}

nav a{
  display: inline-block;
  padding: 10px;
  background: red;
}

nav a:link{
  color: white;
  text-decoration: none;
}

nav a:visited{
  color: gray;
}

```

```

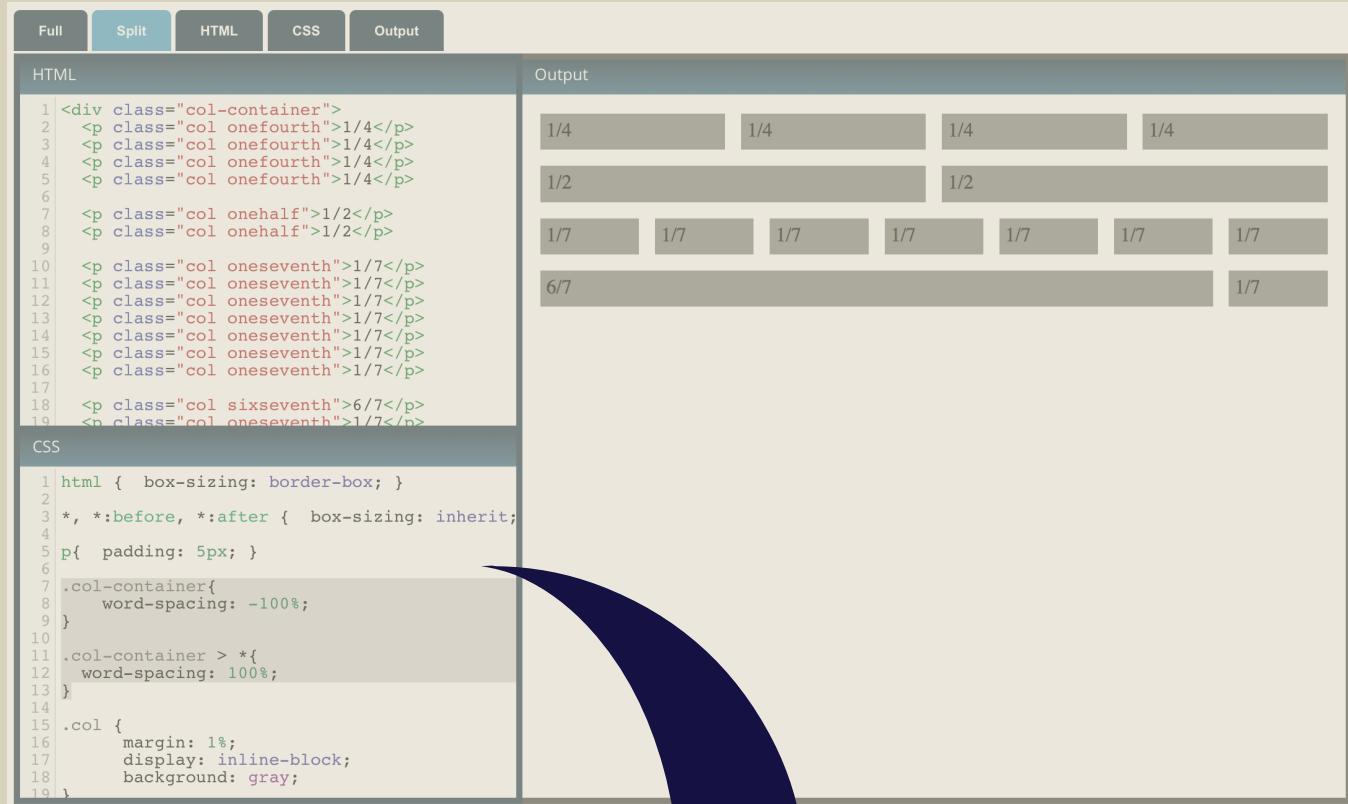
nav a:hover{
  color: white;
  background: blue;
  font-size: 20px;
  transition: background-color 1s;
  background-color 2s ease 1s;
}

nav a:active{
  color: yellow;
  border-radius: 15px 15px 0 0;
  transition:border-radius .5s;
}

```

Responsive Columns

Read the instructions, complete the activity and insert a screenshot from the following page
<http://www.understandingcode.com/responsive-columns/vv>



The screenshot shows a code editor interface with tabs for Full, Split, HTML, CSS, and Output. The Split tab is selected, showing two side-by-side panes. The left pane contains the HTML code, and the right pane contains the visual output.

HTML

```

1 <div class="col-container">
2   <p class="col onefourth">1/4</p>
3   <p class="col onefourth">1/4</p>
4   <p class="col onefourth">1/4</p>
5   <p class="col onefourth">1/4</p>
6
7   <p class="col onehalf">1/2</p>
8   <p class="col onehalf">1/2</p>
9
10  <p class="col oneseventh">1/7</p>
11  <p class="col oneseventh">1/7</p>
12  <p class="col oneseventh">1/7</p>
13  <p class="col oneseventh">1/7</p>
14  <p class="col oneseventh">1/7</p>
15  <p class="col oneseventh">1/7</p>
16  <p class="col oneseventh">1/7</p>
17
18  <p class="col sixseventh">6/7</p>
19  <p class="col oneseventh">1/7</p>

```

CSS

```

1 html { box-sizing: border-box; }
2 *, *:before, *:after { box-sizing: inherit; }
3
4 p{ padding: 5px; }
5
6 .col-container{
7   word-spacing: -100%;
8 }
9
10 .col-container > *{
11   word-spacing: 100%;
12 }
13
14 .col {
15   margin: 1%;
16   display: inline-block;
17   background: gray;
18 }
19

```

Output

The output pane displays four rows of columns. Row 1 has four 1/4 width columns. Row 2 has two 1/2 width columns. Row 3 has seven 1/7 width columns. Row 4 has one 6/7 width column and one 1/7 width column.

Copy/Paste finished CSS code below

```
html { box-sizing: border-box; }
```

```
*, *:before, *:after { box-sizing: inherit; }
```

```
p{ padding: 5px; }
```

```
}
```

```
.col-container{
  font-size: 0px;
```

```
}
```

```
.col-container > *{
  font-size: 1rem;
```

```
}
```

```
.col {
  margin: 3%;
  display: inline-block;
  background: gray;
```

```
.onefourth{
  width: 19%;
```

```
}
```

```
.onehalf{
  width: 44%;
```

```
}
```

```
.oneseventh{
  width: 8.28% ;
```

```
}
```

```
.sixseventh{
  width: 79.5%;}
```

```
.onefifth{
  width: 14%;
```

```
}
```

```
.threefourth{
```

```
width:69%;}
```

Responsive Image Columns

Complete the activity and insert a screenshot from the following page
<http://www.understandingcode.com/responsive-image-columns/>

Full Split HTML CSS Output

HTML

```
2   
10    The Hive
11   </figcaption>
12 </figure>
13 <figure>
14   

## What is Normal Flow?

Well, when the contents flows as normal, every block element appears in a new line.  
An new Elements follow, looking like a paragraph.

## What is Relative Positioning?

(Read <http://www.understandingcode.com/relative-positioning-example/>)

When an element is pushed up top and the rest of the elements remain untouched and can be positioned another way.

## What is Absolute Positioning?

(Read <http://www.understandingcode.com/absolute-positioning-example/>)

When an element can be positioned out the normal flow as specified

## What is Fixed Positioning?

(Read <http://www.understandingcode.com/fixed-positioning-example/>)

when an element is placed in relation to the browser window

## What is an offset?

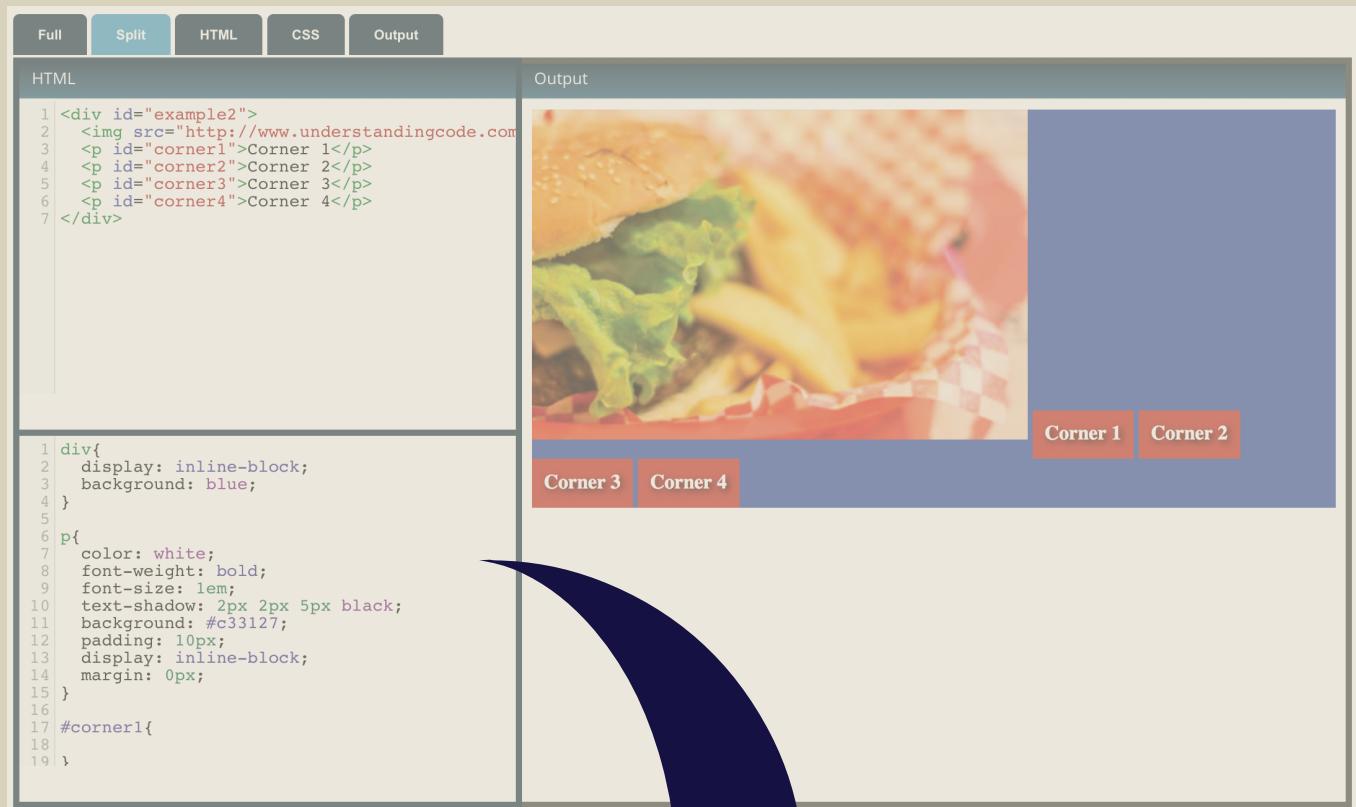
The property that takes an element out of a defined path

## What happens when you add a right offset to an absolute positioned box, and you resize the browser? (Play with this before answering)

[Describe in your own words]

## Absolute & Relative Positioning

Read the instructions, complete the activity and insert a screenshot from the following page  
<http://www.understandingcode.com/absolute-relative/>



The screenshot shows a code editor interface with tabs for Full, Split, HTML, CSS, and Output. The HTML tab contains the following code:

```

1 <div id="example2">
2
3 <p id="corner1">Corner 1</p>
4 <p id="corner2">Corner 2</p>
5 <p id="corner3">Corner 3</p>
6 <p id="corner4">Corner 4</p>
7 </div>

```

The CSS tab contains the following code:

```

1 div{
2 display: inline-block;
3 background: blue;
4 }
5
6 p{
7 color: white;
8 font-weight: bold;
9 font-size: 1em;
10 text-shadow: 2px 2px 5px black;
11 background: #c33127;
12 padding: 10px;
13 display: inline-block;
14 margin: 0px;
15 }
16
17 #corner1{
18 }
19

```

The Output tab shows a burger image with four red boxes labeled "Corner 1", "Corner 2", "Corner 3", and "Corner 4" at its corners. A large blue arrow points downwards from the code editor towards the copy/paste area.

**Copy/Paste finished CSS code below**

```

div{
 display: inline-block;
 background: blue;
}

p{
 color: white;
 font-weight: bold;
 font-size: 1em;
 text-shadow: 2px 2px 5px black;
 background: #c33127;
 padding: 10px;
 display: inline-block;
 margin: 0px;
}

div img{
 position:fixed;
 width:100%;
}

```

                             Lorem ipsum

```

#corner1{
 position:absolute;
 margin-right:100px;
}

```

```

#corner2{
 position:absolute;
 margin-top:30px;
 margin-left:340px;
}

```

```

#corner3{
 position:absolute;
}

```

```

margin-top:250px;
margin-left:30px
}

```

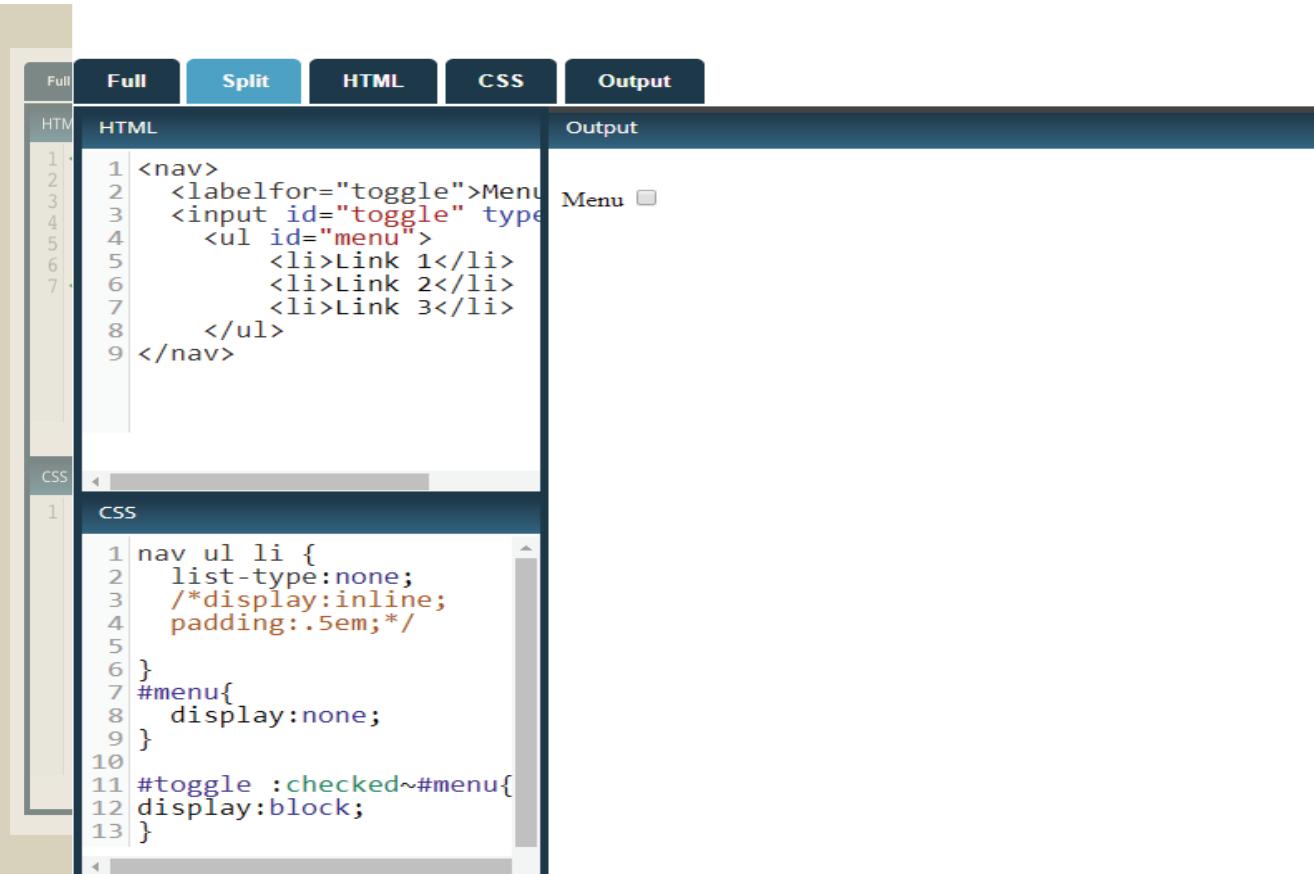
```

#corner4{position:absolute;
margin-top:269px;
margin-left:372px
}

```

## Drop Down Navigation Bones

Read the instructions, complete the activity and insert a screenshot from the following page  
<http://www.understandingcode.com/drop-down-navigation-bones>



The screenshot shows a code editor interface with tabs for Full, Split, HTML, CSS, and Output. The HTML tab is selected, displaying the following code:

```
1 <nav>
2 <label for="toggle">Menu
3 <input id="toggle" type="checkbox">
4 <ul id="menu">
5 Link 1
6 Link 2
7 Link 3
8
9 </nav>
```

The CSS tab is also selected, displaying the following CSS rules:

```
1 nav ul li {
2 list-type:none;
3 /*display:inline;
4 padding:.5em;*/
5 }
6 #menu{
7 display:none;
8 }
9
10 #toggle :checked~#menu{
11 display:block;
12 }
```

Copy/F

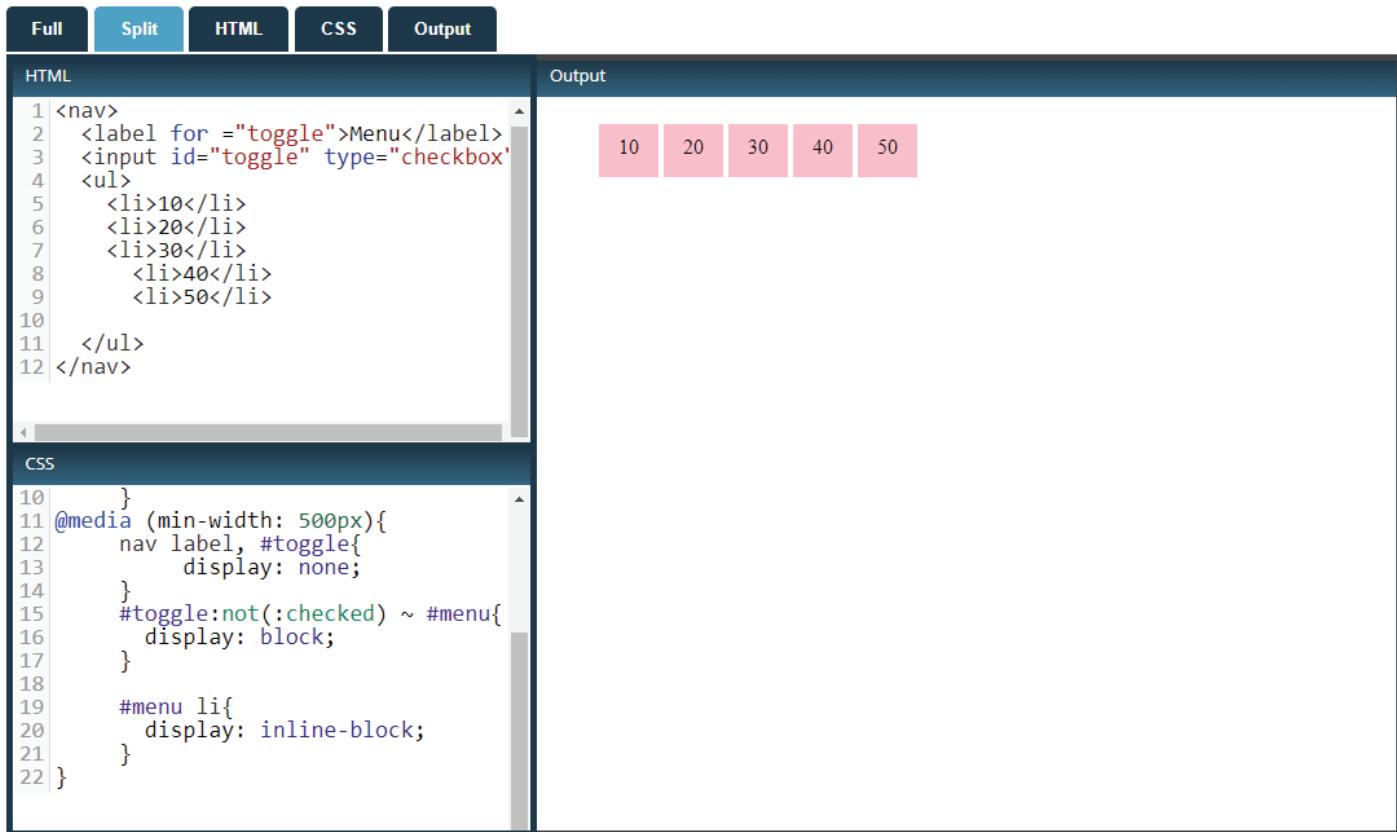
```
nav ul li {
 list-type:none;
 /*display:inline;
 padding:.5em;*/
}

#menu{
 display:none;
}

#toggle :checked~#menu{
 display:block;
}
```

## Responsive Navigation

Read the instructions, complete the activity and insert a screenshot from the following page  
<http://www.understandingcode.com/responsive-navigation>



The screenshot shows a code editor interface with four tabs: Full, Split, HTML, CSS, and Output. The HTML tab contains the following code:

```
1 <nav>
2 <label for="toggle">Menu</label>
3 <input id="toggle" type="checkbox">
4
5 10
6 20
7 30
8 40
9 50
10
11 </nav>
```

The CSS tab contains the following code:

```
10 }
11 @media (min-width: 500px){
12 nav label, #toggle{
13 display: none;
14 }
15 #toggle:not(:checked) ~ #menu{
16 display: block;
17 }
18
19 #menu li{
20 display: inline-block;
21 }
22 }
```

The Output tab shows a horizontal row of five pink rectangular boxes, each containing a number: 10, 20, 30, 40, and 50.



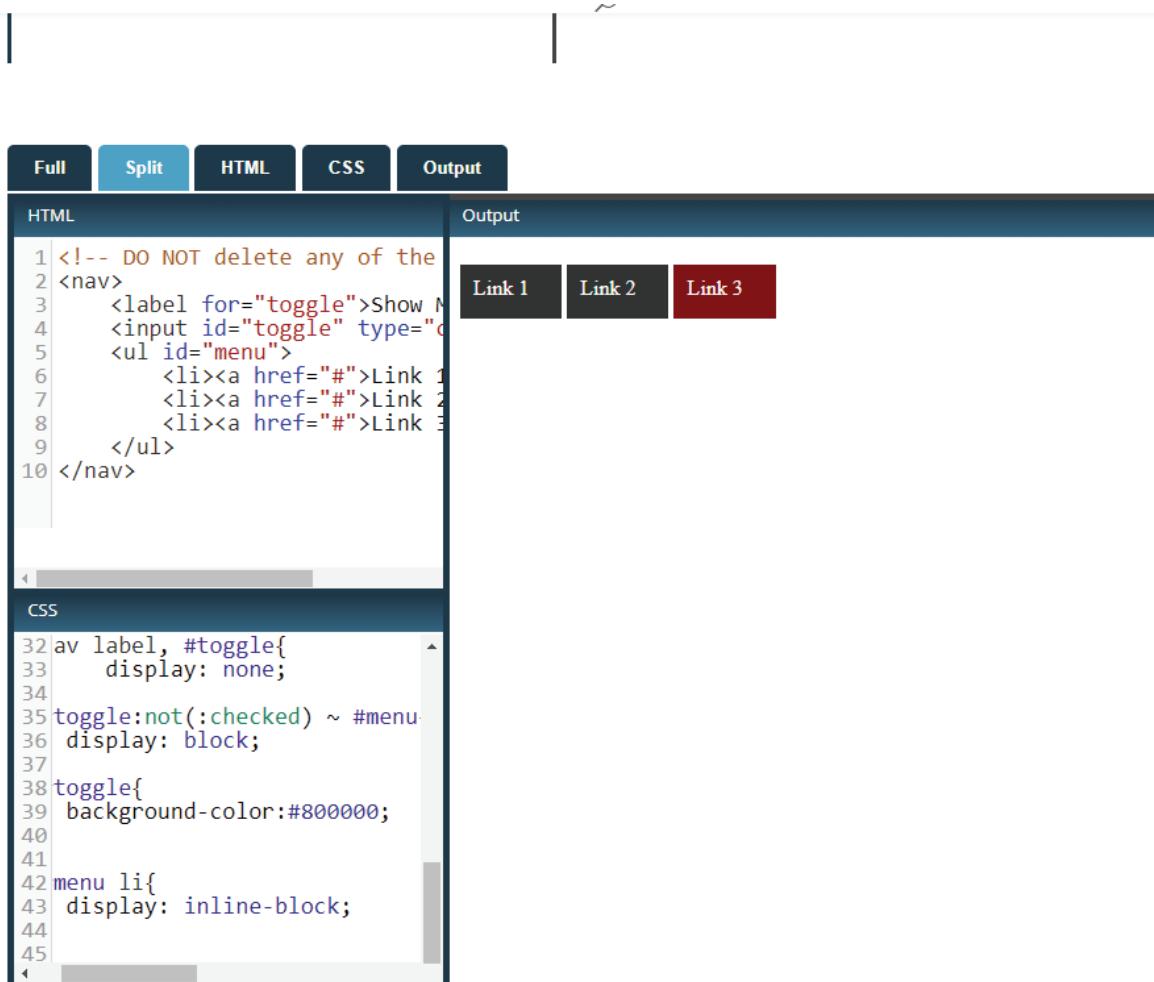
```
nav ul li{
 list-style:none;
 line-height:20px;
 display:inline;
 padding:15px;
 background:pink;
}

#toggle:not(:checked) ~ #menu{
 display: block;
}

@media (min-width: 500px){
 nav label, #toggle{
 display: none;
 }
 #toggle:not(:checked) ~ #menu{
 display: block;
 }
}
```

## Responsive Navigation Style

Read the instructions, complete the activity and insert a screenshot from the following page  
<http://www.understandingcode.com/responsive-navigation-style>



The screenshot shows a code editor interface with tabs for Full, Split, HTML, CSS, and Output. The HTML tab displays:

```

1 <!-- DO NOT delete any of the
2 <nav>
3 <label for="toggle">Show M
4 <input id="toggle" type="c
5 <ul id="menu">
6 Link 1
7 Link 2
8 Link 3
9
10 </nav>

```

The CSS tab displays:

```

32 nav label, #toggle{
33 display: none;
34
35 #toggle:not(:checked) ~ #menu{
36 display: block;
37
38 #toggle{
39 background-color:#800000;
40
41 #menu li{
42 display: inline-block;
43
44
45

```

The Output tab shows a visual representation of the navigation menu with three links: Link 1, Link 2, and Link 3.

```

/* DO NOT delete any of the CSS
provided.*/
/*This code is getting ride of some of
the default padding and margins on
the list and label*/
ul, ol, label {
 margin: 0;
 padding: 0;
}

#menu{
 display: none;
}
#menu li{
 text-align:center;
}

```



```

#menu li a{
 background-color:#333333;
 color:white;
 text-decoration:none;
 padding:25px 25px 15px 10px ;
 line-height:20px;
}

#menu li a:hover{
 background-color:#800000;
}

#toggle:checked ~ #menu{
 display: block;
}

```

```

@media (min-width: 500px){
 nav label, #toggle{
 display: none;
 }
 #toggle:not(:checked) ~ #menu{
 display: block;
 }
 #toggle{
 background-color:#800000;
 }
 #menu li{
 display: inline-block;
 }
}

```