**Media Query Exercise-Napa Style**

Open starting index.html and place link for external style sheet named large.css

<link rel=stylesheet href=large.css>

1. Add structure for <header, nav, section > (div id=#oven #description #pictures) We’ll add an #container last to show relative positioning.
2. Now add content to appropriate structural tags and divs
   1. <header></header> we’ll add banner to this with CSS
   2. <nav></nav> place navigation terms inside with <ul> and <li> tags
   3. <section></section> will surround all content that follows
   4. <div id=oven> insert pizza\_oven\_lg.jpg inside
   5. <div id=description> place oven description inside surrounded with <p></p>
   6. <div id=pictures>
   7. <h2> Home and Garden <h2/> inside #pictures
   8. followed by four small images inside <p></p>
   9. We’re using nested divs so confirm all are working and closed properly
   10. Preview browser and check to see if content is visible as expected

**Here’s the Content**

**Navigation Links**

Kitchen & Cooking

Home & Garden

Furniture

Gifts

Fixed Positioning

**Text Description for pizza oven**

Our extraordinary oven allows for year-round outdoor cooking. Your pizza will never be better, or your roasted meats, vegetables and breads! Its unique domed shape is designed to build fast, even, high-convection heat internally and dissipate slowly. And the double-walled concrete composite construction ensures that you and your guests won’t burn themselves touching the outside. It features a 24" diam. firebrick cooking floor; 6" oven landing (to keep food warm and to hold pots or pans); smoke-diverting vent and chimney; metal door; and a wood-storing metal stand. The dome is weather-protected with a beautiful, Old-World Tuscan “giallo” glaze. Handmade in California.

**Text Title for Thumbnail gallery**

Shop Home and Garden

1. **Create your external CSS File if not already started-** Open a new file in TextWranger and save as large.css.
2. We’ll add the basic styles in our class demo to demonstrate fixed, absolute and relative positioning.

* add background color #996
* add background image to header width:1000px; height: 87px;
* give the <nav> element a position:fixed; width:220px; top: 150px;
* #description
* { font-family: Verdana; font-size: 1em; color: #000;
* background: rgba(255, 255, 255, 0.2);
* width: 300px; position: absolute; left: 675px; top: 250px; padding:try using ems!; border-radius: 15px;
* now move <section> to right to make room for fixed navigation about 250px
* adjust placement of images as desired-they should be vertically stacked under the Shop Home and Garden
* Style navigation links to hover and color as desired and remove dots
* Add div=id container { width: 1000px; margin-left: auto; margin-right: auto; position: relative; border: thick solid #660; background-color:#996;

**How does it look? Now we’ll make this site responsive to changes in browser window size to style for a tablet and phone.**

Modify your link to the style sheet to this:

<link rel=stylesheet media="screen and (min-width:780px)" href=large.css>

**note: this is a media query that uses the large.css style sheet if the browser window is larger than 780px**

**Now add two more media queries to trigger style sheets for a tablet and phone. Do you see how the dimensions are being set?**

<link rel=stylesheet media="screen and (min-width:480px) and (max-width:780px)" href=medium.css>

<link rel=stylesheet media="screen and (max-width:480px)" href=small.css>

Now copy your large.css and save a version as medium.css and one as small.css You’ll have three style sheets..how does your page react to browser downsizing?

What changes to the medium.css would make it more usable on a 780px wide tablet? Try changing the banner image to the napastyle\_logo\_medium.jpg width: 676; height: 87px; in the #container remove the border and change the background color to a different color, maybe black so you’ll see a big difference when the window is reduced to tablet width.

What would you do with the small.css to look good on a phone at 480px or lower? Hint: I provided a small logo image.

One last thing: add the viewport code meta tag below for all mobile sites

**<meta name="viewport" content="width=device-width, initial-scale=1">**

The width property controls the size of the viewport. It can be set to a specific number of pixels like width=600 or to the special value device-width value which is the width of the screen in CSS pixels at a scale of 100%.

The initial-scale property controls the zoom level when the page is first loaded. The maximum-scale, minimum-scale, and user-scalable properties control how users are allowed to zoom the page in or out.

Did you survive? Upload final files onto the server and link to **Napa Style**.

Does this give you some idea of how you can style your artifact project?