belajarkoding.net & cimahi creative ASSOCIATION Present :

BELAJAR WEB DESIGN BARENG
GRATIS

@CCA Gedung BITC Lt.5 Baros Cimahi

Tiap Sabtu - 2 Minggu Sekali

Jam 14.00 - 16.00

*Bawa Laptop & Terminal masing-masing
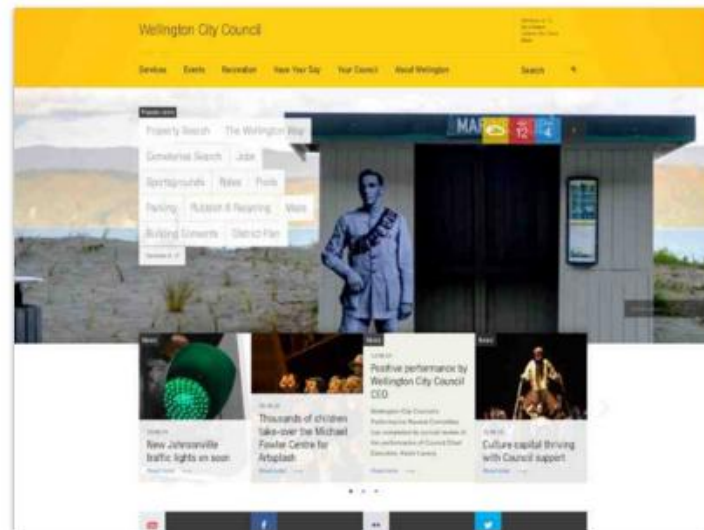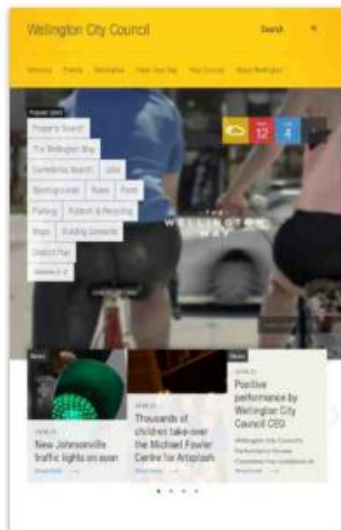
Media Query Fundamental

Responsive Web Design

Responsive = Modern Web Design
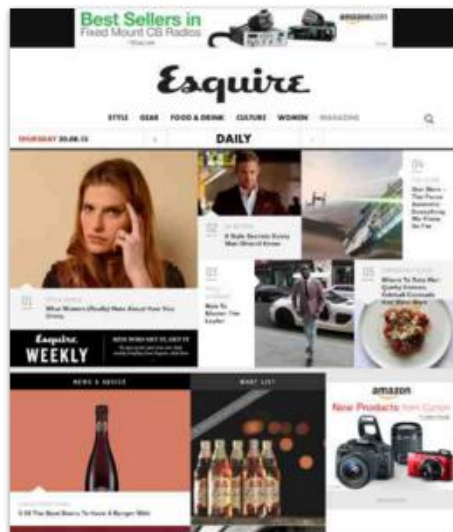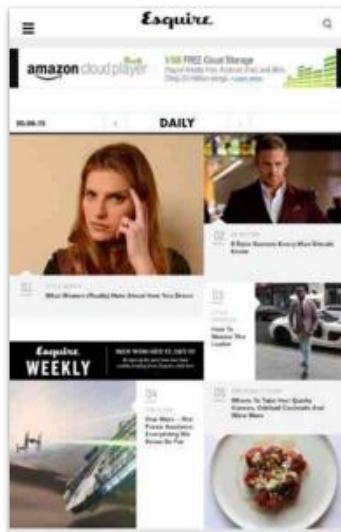
Best Example for Media Query
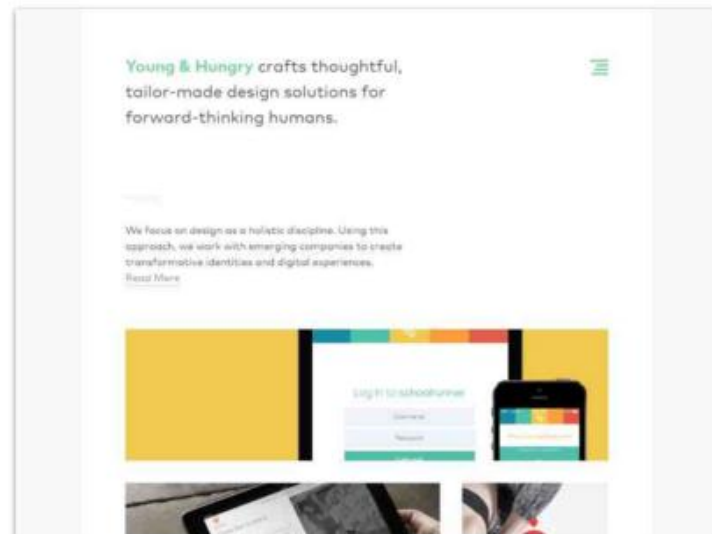
http://mediaqueri.es/

Wellington City Council

Esquire

Young & Hungry

Logic in Media Queries

If

That's what media queries are: logical `if` statements. "If" these things are true about the browser, use the CSS inside.

And

The keyword `and` .

CSS

```css
@media (min-width: 600px) and (max-width: 800px) {
  html { background: red; }
}
```

Logic in Media Queries

Or

Comma separate.

```css
CSS
@media (max-width: 600px), (min-width: 800px) {
  html { background: red; }
}
```

Technically these are treated like two separate media queries, but that is effectively `or` .

Not

Reverse the logic with the keyword `not` .

```css
CSS
@media not all and (max-width: 600px) {
  html { background: red; }
}
```

What we will we making today
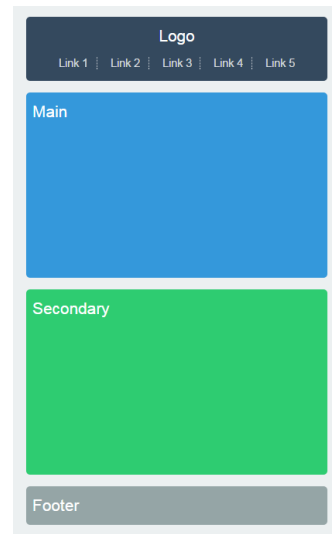
Coding Time!

Open your browser and text editor.

Prepare your HTML layout

```html
<head>
    <meta charset="UTF-8">
    <title>Media Queries</title>
    <link rel="stylesheet" type="text/css" href="style.css">
    <link rel="stylesheet" type="text/css" href="responsive.css">
</head>
```

```html
<div class="wrap">
    <header class="main-header">
        <a class="logo" href="#">Logo</a>
        <nav class="main-nav">
            <a link href="#">Link 1</a>
            <a link href="#">Link 2</a>
            <a link href="#">Link 3</a>
            <a link href="#">Link 4</a>
            <a link href="#">Link 5</a>
        </nav>
    </header>
    <div class="content">
        <div class="main col">
            Main
        </div>
        <div class="secondary col">
            Secondary
        </div>
        <div class="extra col">
            Extra
        </div>
    </div>
    <footer class="main-footer">
        Footer
    </footer>
</div>
```

Layout Styling

```css
* {
    box-sizing: border-box;
}
body {
    margin: 0;
    padding-top: 25px;
    background: #ECF0F1;
    color: #FFF;
    font: 1.3em/1.6 sans-serif;
}
.wrap {
    margin: auto;
    width: 90%;
}
.main-header {
    background: #34495E;
    text-align: center;
}
.logo,
.main-nav a {
    display: inline-block;
    color: #FFF;
    text-decoration: none;
}
.main-nav a {
    padding: 0 .75em;
    border-right: 1px dotted;
    color: rgba(255,255,255, .8);
    font-size: .7em;
    line-height: 1rem;
}

.main-nav a:hover {
    text-decoration: underline
}
.main-nav a:last-child {
    border-right: none;
}
.content,
.main-header {
    overflow: hidden;
}
.col {
    height: 240px;
}
.main {
    background: #3498DB;
}
.secondary {
    background: #2ECC71;
}

.extra {
    display: none;
    background: #E74C3C;
}
.main-footer {
    background: #95A5A6;
}
.main-header,
.main-footer,
.col {
    margin-bottom: 15px;
    padding: 2.15%;
    border-radius: 5px;
}
```

Media Query Time!!

```css
/* Phones to Tablets */

@media only screen and (min-width: 481px) {
    .col {
        float: left;
    }
    .main {
        width: 65.957446808511%;
    }
    .secondary {
        width: 31.914893617021%;
    }
    .secondary,
    .extra {
        margin-left: 2.127659574468%;
    }
}
```

```css
/* Tablets to Desktop */

@media only screen and (min-width: 769px) {
    .logo {
        float: left;
    }
    .main-nav {
        float: right;
    }
    .main {
        width: 40.425531914894%;
    }
    .extra {
        display: block;
        width: 23.404255319149%;
    }
}
```

```css
@media only screen and (min-width: 1024px) {
    .wrap {
        width: 980px;
    }
}
```

Source code for this session

github.com/galpratama/
belajar-bareng-web-design

Let's discuss!

http://line.me/R/ti/g/E9tW-iE2vo