

RESPONSIVE DESIGN

WEEK 8 - IST 263

BUT FIRST

WEEK 7 HOMEWORK

- Hey, I told you it was challenging!
- The starter file probably did more for you than it should.
- But the secret is all in the `.row` and `.col[-3]` classes.

```
.row {display: flex;}
.col {flex: 1;}
.col-3 {flex: 3;}
```

```
<section class="row" style="margin: 0 2em 0 0;"-->
  <div class="col-3" style="margin-top: 1em;">
    <h2 class="padded">Lorem ipsum</h2>
    <section class="row">
      <div class="col" style="padding: 1em">
        <div style="background-color: #ccc; height: 10em;
          &nbsp;
        </div>
        <div>
          <h3>Lorem Ipsum</h3>
          <p>box text goes here</p>
        </div>
```

Things don't get easier
you have to get better

RESPONSIVE DESIGN

This is used to make web page look good in all different devices

- Desktop
- Tablets
- Mobile Devices

CONTAINERS

- Layout should remain consistent when the browser resizes
- Avoid horizontal scrolling!! Vertical stroll is expected and OK.
- Fluid Containers
- Non-Fluid Containers

```
.container-fluid {  
  width: 100%;  
  background-color: ■ #eaeaea;  
}
```

```
.container {  
  width: 1200px;  
  margin: 0 auto;  
  background-color: ■ #eaeaea;  
}
```

DISPLAY RANGE

User's visible area of a web page

| Device | Visible Area Available (Width in px) | |
|----------------|---|-----------------|
| Laptops | 1200 - 1600px | Medium or Large |
| Tablets | 768 - 1024px | Small |
| Mobile Devices | 320 - 736px | Extra Small |

VIEWPORT

- Users are used to scrolling vertically, ***but not horizontally.***
- Instruct browser how to control dimension and scale content

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

MEDIA QUERY

```
/* Smartphones (portrait and landscape) ----- */
```

```
@media only screen
```

```
    and (min-device-width : 320px)
```

```
    and (max-device-width : 480px) {
```

```
/* Add CSS styles here */
```

```
}
```


PROJECT DELIVERABLE DUE

SEMANTIC HTML

PROJECT WEBSITE V1

Due Saturday, 10/17/2020, 11:59PM U.S. Eastern time