

# RESPONSIVE DESIGN

WEEK 8 - IST 263



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 be consistent when the browser resizes
- Avoid horizontal scrolling
- 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

<b>Device</b>	<b>Visible Area Available</b> (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 */
```

```
}
```