

# BOOTSTRAP



# GRID SYSTEM

# CSS CLASSES

- Elementary CSS (typos, images, buttons, forms)
- Advanced components (navbar, panels)
- Javascript animation (dropdown, modal,..)

**EVERYTHING STARTS WITH A  
NICE BOILERPLATE!**

<https://github.com/lewagon/bootstrap-boilerplate>

# CSS CLASSES

# ELEMENTARY CSS

<http://getbootstrap.com/css/>

# TYPOS (ALIGNMENT)

## EXAMPLE

Left aligned text.

Center aligned text.

Right aligned text.

Justified text.

No wrap text.

```
<p class="text-left">Left aligned text.</p>  
<p class="text-center">Center aligned text.</p>  
<p class="text-right">Right aligned text.</p>  
<p class="text-justify">Justified text.</p>  
<p class="text-nowrap">No wrap text.</p>
```



# TYPOS (LIST-INLINE)

```
<ul class="list-inline">  
  <!--Your list-->  
</ul>
```



# BUTTONS

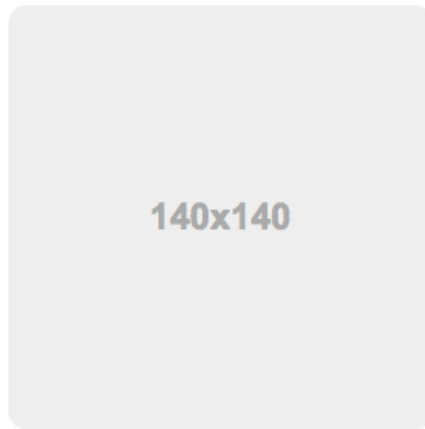
## EXAMPLE



```
<a class="btn">Default</a>  
<a class="btn btn-primary">Primary</a>  
<a class="btn btn-success">Success</a>  
<a class="btn btn-info">Info</a>
```

# IMAGES

## EXAMPLE



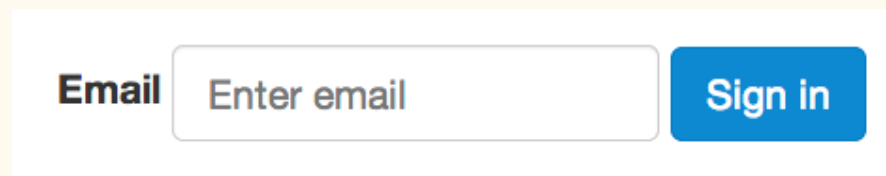
```
  
  

```

# FORMS

Ex: `.form-inline`, `.form-group`, `.form-control`

```
<form class="form-inline" role="form">
  <div class="form-group">
    <label for="mail">Email</label>
    <input type="email" class="form-control" id="mail" placeholder="Enter email">
    <input type="submit" value="Sign in" class="btn btn-primary">
  </div>
</form>
```



# LOOK IN THE DOC !

<http://getbootstrap.com/css/>

# ADVANCED COMPONENTS

<http://getbootstrap.com/components/>

# NAVBAR

**EXAMPLE**

Copy

Brand

Link

Link

Dropdown ▾

Search

Submit

Link

Dropdown ▾

# LABELS

## EXAMPLE

Default

Primary

Success

Info

Warning

Danger

```
<span class="label label-default">Default</span>  
<span class="label label-primary">Primary</span>  
<span class="label label-success">Success</span>  
<span class="label label-info">Info</span>  
<span class="label label-warning">Warning</span>  
<span class="label label-danger">Danger</span>
```



Panels, alerts, badges, many more, read the doc

<http://getbootstrap.com/components/>

# BOOTSTRAP GRID

# DEFINITION

Bootstrap includes a **responsive, mobile first** fluid **grid** system that appropriately scales up to **12 columns** as the **device** size increases.

# RESPONSIVE



# MOBILE-FIRST



# HOW IT WORKS?

# CONTAINER FIRST

```
<div class="container">  
  <!--Define a container-->  
</div>
```

# THEN INSERT ROWS

```
<div class="container">  
  
  <div class="row">  
    <!-- First row -->  
  </div>  
  
</div>
```



```
<div class="container">

  <div class="row">
    <!-- First row -->
  </div>

  <div class="row">
    <!-- Second row -->
  </div>

</div>
```

```
<div class="container">
```

```
  <div class="row">
```

```
    <!-- First row -->
```

```
  </div>
```

```
  <div class="row">
```

```
    <!-- Second row -->
```

```
  </div>
```

```
  <div class="row">
```

```
    <!-- Third row -->
```

```
  </div>
```

# WHAT'S IN THE ROW ?

```
<div class="col-xs-6">  
</div>
```

- **col**: because it fits a number of columns
- **xs**: screen width
- **6**: number of columns taken by the block (**max 12**)

# MEDIA

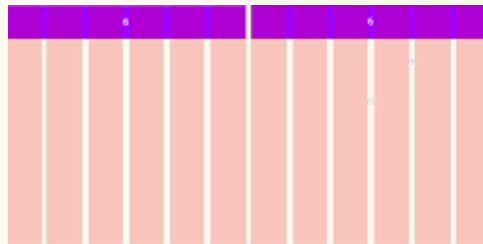
- **xs**: Extra small devices (Phones < 768px)
- **sm**: Small devices (Tablets > 768px)
- **md**: Medium devices (> 992px)
- **lg**: Large devices (Desktops > 1200px)

# EXAMPLE (2 COLUMNS)



# CODE

```
<div class="container">  
  <div class="row">  
  
    <div class="col-xs-6">  
    </div>  
  
    <div class="col-xs-6">  
    </div>  
  
  </div>  
</div>
```



# MOBILE FIRST

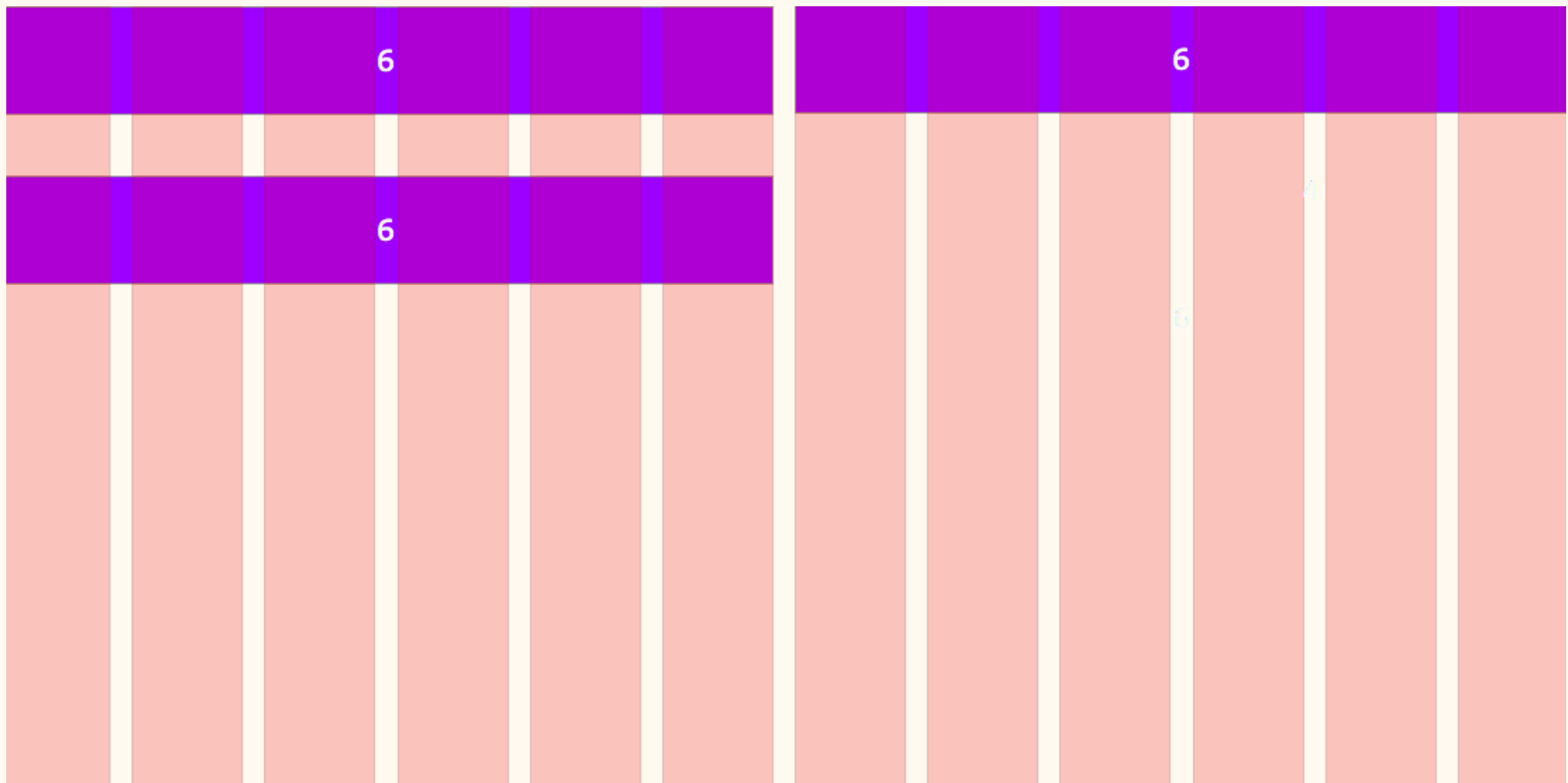
- if you just give the `.col-xs` classes
- it will apply on all larger screens

# NOW WHAT HAPPENS ?

```
<div class="container">  
  <div class="row">  
  
    <div class="col-xs-6">  
    </div>  
  
    <div class="col-xs-6">  
    </div>  
  
    <div class="col-xs-6">  
    </div>  
  
  </div>  
</div>
```

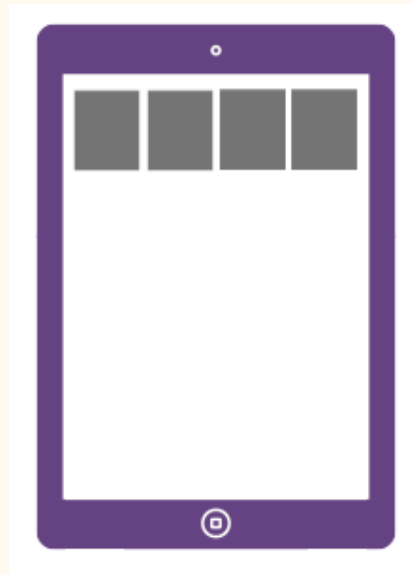


# JUST RETURN ON NEW LINE



# RESPONSIVE EXAMPLE

We want 4 blocks for tablets or larger screens



We want 2 rows for mobiles with 2 blocks on each row



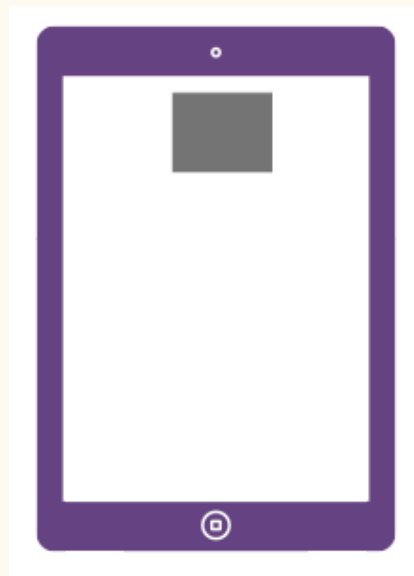
**HOW WILL YOU DO ?**

# CODE

```
<div class="container">  
  <div class="row">  
    <div class="col-xs-6 col-sm-3"></div>  
    <div class="col-xs-6 col-sm-3"></div>  
    <div class="col-xs-6 col-sm-3"></div>  
    <div class="col-xs-6 col-sm-3"></div>  
  </div>  
</div>
```

Yeah baby !

# OFFSETTING BLOCKS



Can we offset a block ?

# YES WE CAN

```
<div class="container">
  <div class="row">
    <div class="col-sm-offset-4 col-sm-4">
      <!-- Le contenu de la div centrée -->
    </div>
  </div>
</div>
```

# GRID BEST PRACTICES

- Don't touch at the grid (container, row, col)
- For styling, place div around the container or inside the col

```
<!--example-->
<footer>
  <div class="container">
    <div class="row">
      <div class="col-xs-4">
        <div id="social-links">
          <!--your social links-->
        </div>
      </div>
      <div class="col-xs-8">
        <p>Le Wagon is the best company ever</p>
      </div>
    </div>
  </div>
```



# **GRID BEST PRACTICES**

- Once again, don't touch at the grid :)

**AND ABOVE ALL, ENJOY!**

# YOUR OBJECTIVE

Bootstrap mockup for IceMe