

Webstrap!

Twitter Bootstrap | Code Lab + Hackathon

All set?

Let's Bootstrap!

What we are going to do?

- # Structure of a website
- # What are Frameworks?
- # Why use Frameworks?
- # What all Frameworks?
- # Why Twitter Bootstrap?
- # Bootstrap structure
- # Hands-On
- # Resources

Website Structure

Front-End

Back-End

Front-End

HTML - div, class, id, table, meta,

CSS - adding it to the html,
.class, #id

Javascript - bootstrap.js, jQuery.

What is a Framework?

Provides generic functionality for software components

User can modify these according to their requirements

A Re-Usable Software
Environment!

Why use Framework?

- # Browser Compatibility
- # Responsive Webdesign
- # Grid System
- # Customizable components
- # Easy to learn
- # Open Source, hence a large community to provide resources

What all frameworks exist?



We'd be using



Bootstrap

Pointers!

Responsive

```

```

Mobile First

```
<meta name="viewport"
content="width=device-width,
initial-scale=1.0,
maximum-scale=1.0,
user-scalable=no">
```

Normalize.css

Bootstrap Structure

bootstrap/

├── css/

| ├── bootstrap.css

| ├── bootstrap.min.css

| ├── bootstrap-theme.css

| └── bootstrap-theme.min.css

├── js/

| ├── bootstrap.js

| └── bootstrap.min.js

└── fonts/

├── glyphs-halflings-regular.eot

├── glyphs-halflings-regular.svg

├── glyphs-halflings-regular.ttf

└── glyphs-halflings-regular.woff

Let's make this!

#1 – Basic Template

#2 – Add `custom.css`

#3 – Add Navbar

#4 – Add Blockquote

Grid System

Extra small devices Phones ($<768\text{px}$) : **col-xs-**
Small devices Tablets ($\geq 768\text{px}$) : **col-sm-**
Medium devices Desktops ($\geq 992\text{px}$) : **col-md-**
Large devices Desktops ($\geq 1200\text{px}$) : **col-lg-**

Always comes in the “row” class

Container and Container-fluid

*# Number of Columns : **12***

Using col-*_

col-xs-6 col-md-6 col-sm-6		col-xs-6 col-md-6 col-sm-6	
col-xs-4		col-xs-4	
col-md-3	col-md-3	col-md-3	col-md-3
col-xs-8 col-md-8 col-sm-8		col-xs-4 col-md-4 col-sm-4	

Basic HTML

#5 - Implement Grid //work.html

#6 - Add button //work.html

#7 - Create Form //contact.html

#8 - Create Table //about.html

Javascript

#9 – Add Jumbotron //home.html

#10 – Add Carousel //home.html

#11 – Add Tooltip //work.html

#12 – Add Popover //about.html

More Javascript

#13 – Add Modal //about.html

#14 – Add Dropdown //contact.html

Resources and Inspiration

Lovebootstrap

Bootstraphero

Bootsnipp

Bootstrapzero

Treasure!

oozled.com

Thank You!

Connect with me on:
@DhatrîMisra