

# Sheet 3: Productivity Tools

Creativity Through Code

2015-10-30

## Abstract

We will be expanding on website design by using one of the most used front end framework – **Bootstrap**

## 1 Introduction

**Bootstrap** is a free and open-source collection of tools for creating websites and web applications. You can use bootstrap to build beautiful websites that are responsive – the layout of web pages adjusts dynamically, taking into account the characteristics of the device used.

## 2 Grids

### 2.1 Syntax

To begin a row: `<div class = "row"></div>`

To begin a column: `<div class = "col-CLASS-SIZE"></div>`

**NB:** The sizes of a row must add up to 12

Class	Defintion
.xs	Phones
.sm	Tablets
.md	Desktops
.lg	Larger Desktops

### 2.2 Example

```
<div class = "row">  
  <div class = "col-md-1">.col-md-1</div>  
  <div class = "col-md-2">.col-md-2</div>  
  <div class = "col-md-3">.col-md-3</div>  
  <div class = "col-md-4">.col-md-4</div>  
  <div class = "col-md-2">.col-md-2</div>  
</div>
```

.col-md-1	.col-md-2	.col-md-3	.col-md-4	.col-md-2
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