

Topic/Title: What We'll Make: TinDog  
Download the Starting  
Setting Up Our New Project  
Bootstrap Grid Layout System



Keywords/Questions:

Notes:

tindog

-For this collapsible menu to work we need to have some Javascript code. We can get this code from [getbootstrap.com>Get Started> JSS](https://getbootstrap.com/get-started/javascript/) and paste it in the `<head>`

Responsive:- means the website responds to different layouts.

`<div class="row">`

-used to classify the screen using rows.

`<div class="col">`

-used to classify the screen using columns.

-if there are 2 columns, they divide the screen into 2.

-if there are 3 columns, they divide the screen into 3.

`<div class="col-6">`:- the column takes half of the screen space. It is more responsive than above

-when we use a number and a dash after col it acts as if the screen has a length of 12.

-for example if we write 5 instead of 6 above it will take (5/12)th of the screen space.

`<div class="col-md-6">`:- it will take half of the screen as long as the screen is equal to or larger than a tablet.

```
<div class="row">
  <div class="col-md-6" style="background-color:blue; border: 1px solid">
    col-md-6
  </div>
  <div class="col-md-6" style="background-color:blue; border: 1px solid">
    col-md-6
  </div>
</div>
```

col-md-6

col-md-6

-for a phone it will be like the above image.

col-md-6

col-md-6

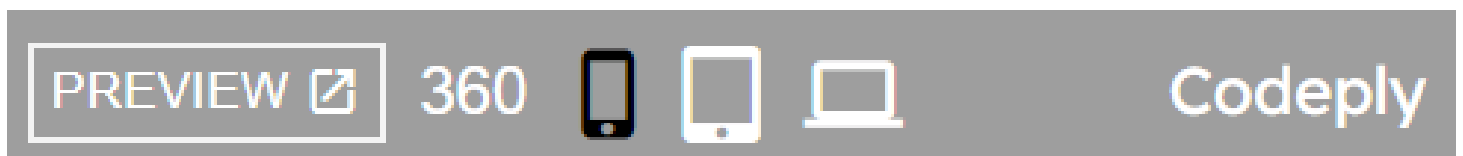
Summary:

```
<div class="row">
  <div class="col-lg-3" style="background-color:blue; border:1px solid;">
    col-lg-3
  </div>
  <div class="col-lg-3" style="background-color:blue; border:1px solid;">
    col-lg-3
  </div>
  <div class="col-lg-3" style="background-color:blue; border:1px solid;">
    col-lg-3
  </div>
  <div class="col-lg-3" style="background-color:blue; border:1px solid;">
    col-lg-3
  </div>
</div>
```

–For a desktop or laptop screen:



–For a tablet or mobile or anything with smaller screen, each column will take 100% width:



–We can change our view–port size over here in codeply.com. So that we can see our code on a phone or tablet or laptop.

```

<div class="row">
  <div class="col-lg-3 col-md-4 col-sm-6" style="background-color:blue; border:1px solid;">
    col-lg-3 col-md-4 col-sm-6
  </div>
  <div class="col-lg-3 col-md-4 col-sm-6" style="background-color:blue; border:1px solid;">
    col-lg-3 col-md-4 col-sm-6
  </div>
  <div class="col-lg-3 col-md-4 col-sm-6" style="background-color:blue; border:1px solid;">
    col-lg-3 col-md-4 col-sm-6
  </div>
  <div class="col-lg-3 col-md-4 col-sm-6" style="background-color:blue; border:1px solid;">
    col-lg-3 col-md-4 col-sm-6
  </div>
</div>

```

–For a laptop or a desktop screen or anything with a larger screen, each column will take 25% of the screen:

col-lg-3 col-md-4 col-sm-6	col-lg-3 col-md-4 col-sm-6	col-lg-3 col-md-4 col-sm-6	col-lg-3 col-md-4 col-sm-6
----------------------------	----------------------------	----------------------------	----------------------------

–For a tablet screen, each column will take 33.3% (1/3rd) of the screen:

col-lg-3 col-md-4 col-sm-6	col-lg-3 col-md-4 col-sm-6	col-lg-3 col-md-4 col-sm-6
col-lg-3 col-md-4 col-sm-6		

–For a mobile screen, each column will take 50% (6/12th) of the screen:

col-lg-3 col-md-4 col-sm-6	col-lg-3 col-md-4 col-sm-6
col-lg-3 col-md-4 col-sm-6	col-lg-3 col-md-4 col-sm-6

–If we don't specify column size for the mobile screen, a single column will by default take 100% of the mobile screen.