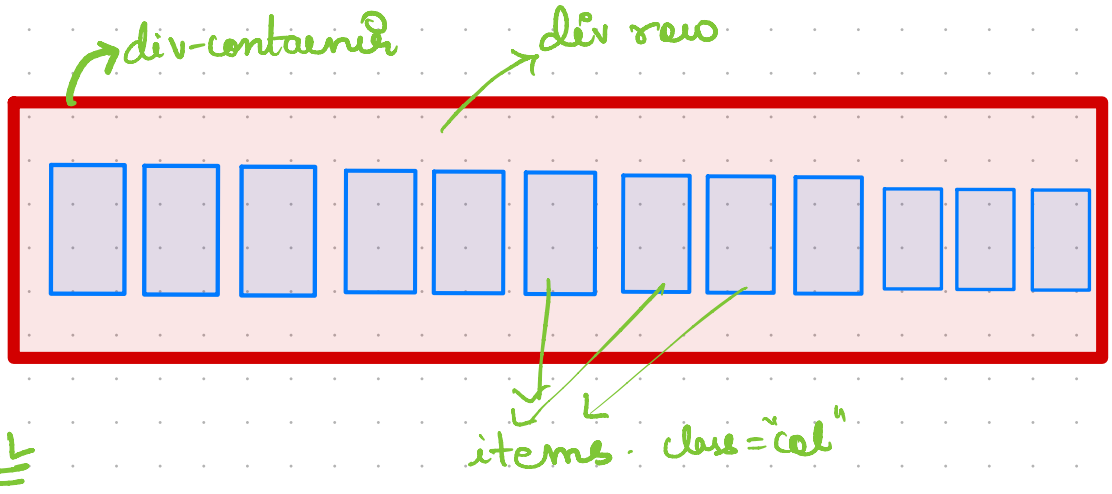
Bootstrap Layout → understanding the 12-column lay out system.

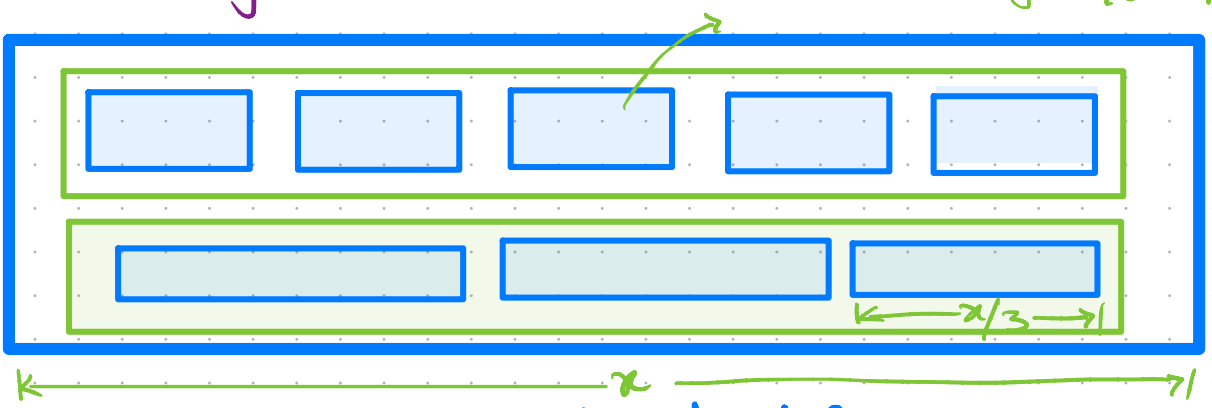


HTML

```
<div class="container">
    <div class="row>
        <div class="col">...</|div>, .....
    <|div>
</|div>
```

Autofit ⇒ Bootstrap will try to fit all the items according to full width in each row of container.

6 items ⇒ means each item will get x/6 space



Bootstrap Container: ⇒ It is responsive
⇒ will have different size on diff. size screen

	Extra small <576px	Small ≥576px	Medium ≥768px	Large ≥992px	X-Large ≥1200px	XX-Large ≥1400px
* .container (same)	100%	540px	720px	960px	1140px	1320px
.container-sm	100%	540px	720px	960px	1140px	1320px
.container-md	100%	100%	720px	960px	1140px	1320px
.container-lg	100%	100%	100%	960px	1140px	1320px
.container-xl	100%	100%	100%	100%	1140px	1320px
.container-xxl	100%	100%	100%	100%	100%	1320px
* .container-fluid	100%	100%	100%	100%	100%	100%

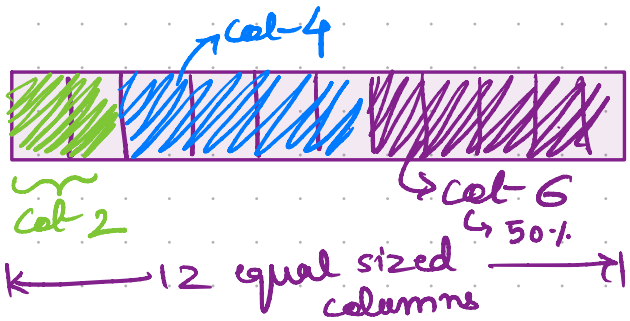
↳ edge to edge behaviour

width of viewport

Sized Columns

col-2
col-6
col-10
⋮

→ this means take width equiv. to 2/12 columns



Bootstrap Breakpoints

↳ Because of it we do not need media queries.

If we give, class = col-sm-2
↳ [576px 768px)

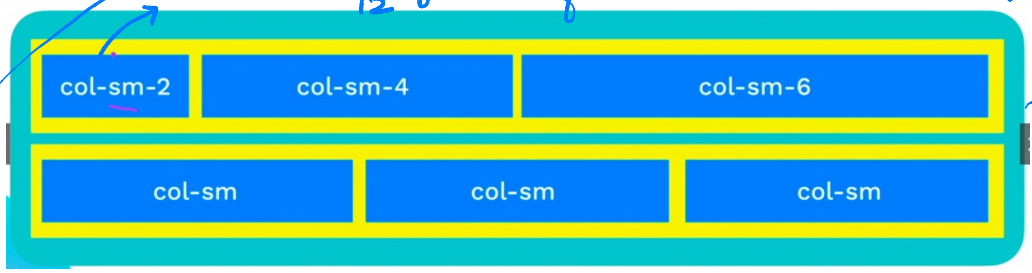
Available breakpoints

Bootstrap includes six default breakpoints, sometimes referred to as *grid tiers*, for building responsively. These breakpoints can be customized if you're using our source Sass files.

Breakpoint	Class infix	Dimensions
Extra small	*None*	<576px
Small	sm	≥576px
Medium	md	≥768px
Large	lg	≥992px
Extra large	xl	≥1200px
Extra extra large	xxl	≥1400px

mobile
iPad
laptop
desktop
T.V

will take 2/12 of width for screen size small i.e. [576px 768px)



→ auto distribution

→ after that it will take 100% width.

↳ jada chote screen ke liye ek hi column me ho jaega sab.

→ for extra small

Multiple breakpoints :-

col-sm-12 col-md-8 col-lg-4

↓ take 12/12 on small

↓ 8/12 on medium

↳ Take 4/12 for large