B

7. Columns

Reja:

▼ **Columns (ustunlar)**

💡 **Columns (ustunlar) -** Bootstrap Grid tizimining asoslaridan biri bo'lib, u **qatorni (row)** bir necha bo'laklarga bo'lib, o'z ichida **kontent** saqlash uchun ishlatilinadi

```
<style>
  .row {
    margin-top: 20px;
  }

  .row > div {
    padding-top: 1rem;
    padding-bottom: 1rem;
    background-color: red;
    border: 1px solid white;
    text-align: center;
    color: white;
  }
</style>

-------------------------

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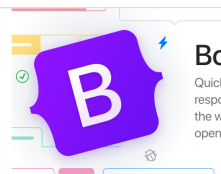
Columns

Heads up! Be sure to read the Grid page first before diving into how to modify and customize your grid columns. Columns build on the grid's flexbox architecture. Flexbox means we have options for changing individual columns and modifying groups of columns at the row level.

B https://getbootstrap.com/docs/5.0/layout/columns/

Bootstrap v5

Quickly design and customize responsive mobile-first sites with the world's most popular front-end open source toolkit.

▼ **Alignment**

💡 Flexbox klasslari yordamida ustunlarni **vertikal** va **gorizontal** joylashuvini o'zgartirish mumkin

Vertikal joylashtirish

```
<style>
  .row {
    min-height: 10rem;
    margin-top: 20px;
    background-color: green;
  }

  .row > div {
```

```
      padding-top: 1rem;
      padding-bottom: 1rem;
      background-color: red;
      border: 1px solid white;
      text-align: center;
      color: white;
    }
</style>

-------------------------

<div class="container">
  <div class="row align-items-start">
    <div class="col">
      1
    </div>
    <div class="col">
      2
    </div>
    <div class="col">
      3
    </div>
  </div>
  <div class="row align-items-center">
    <div class="col">
      1
    </div>
    <div class="col">
      2
    </div>
    <div class="col">
      3
    </div>
  </div>
  <div class="row align-items-end">
    <div class="col">
      1
    </div>
    <div class="col">
      2
    </div>
    <div class="col">
      3
    </div>
  </div>
  <div class="row">
      <div class="col align-self-start">
        1
      </div>
      <div class="col align-self-center">
        2
      </div>
      <div class="col align-self-end">
        3
      </div>
    </div>
</div>
```

Gorizontal joylashtirish

```
<style>
  .row {
    margin-top: 20px;
    background-color: green;
  }

  .row > div {
    padding-top: 1rem;
    padding-bottom: 1rem;
    background-color: red;
    border: 1px solid white;
    text-align: center;
    color: white;
  }
</style>
```

```
--------------------------

<div class="container">
  <div class="row justify-content-start">
    <div class="col-4">
      1
    </div>
    <div class="col-4">
      2
    </div>
  </div>
  <div class="row justify-content-center">
    <div class="col-4">
      1
    </div>
    <div class="col-4">
      2
    </div>
  </div>
  <div class="row justify-content-end">
    <div class="col-4">
      1
    </div>
    <div class="col-4">
      2
    </div>
  </div>
  <div class="row justify-content-around">
    <div class="col-4">
      1
    </div>
    <div class="col-4">
      2
    </div>
  </div>
  <div class="row justify-content-between">
    <div class="col-4">
      1
    </div>
    <div class="col-4">
      2
    </div>
  </div>
  <div class="row justify-content-evenly">
    <div class="col-4">
      1
    </div>
    <div class="col-4">
      2
    </div>
  </div>
</div>
```

▼ **Column wrapping**

> 💡 Agar bir qatorga **12dan ko'p** ustun joylashgan bo'lsa, ortiqcha ustunlar guruhi **keyingi qatordan** joylashadi

```
<style>
  .row {
    margin-top: 20px;
  }

  .row > div {
    padding-top: 1rem;
    padding-bottom: 1rem;
    background-color: red;
    border: 1px solid white;
    text-align: center;
    color: white;
  }
</style>

--------------------------
```

```
<div class="container">
  <div class="row">
    <div class="col-9">.col-9</div>
    <div class="col-4"><br>Bilamizki 9 + 4 = 13 &gt; 12, berilgan 4ta ustun uzunligiga ega ustun keyin qatordan joylashadi</div>
    <div class="col-6">.col-6<br>Ketingi ustunlar qatorni to'ldirishda davom etadi</div>
  </div>
</div>
```

https://themes.getbootstrap.com/preview/?theme_id=5348

▼ **Reordering (qayta tartiblash)**

💡 Flexbox klasslari yordamida ustunlarni **tartibini** o'zgartirish mumkin: **.order-*** klasslaridan foydalanib, **yulduzcha (*)** o'rniga 0dan 5gacha bo'lgan qiymatlarni ko'rsatib, ustunlarni ketma-ketligini o'zgartish mumkin. Order klasslariga breakpointlarning "infix"larini qo'shish imkoniyati mavjud va u **.order-{breakpoint}-*** ko'rinishida bo'ladi.

```
<style>
  .row {
    margin-top: 20px;
    background-color: green;
  }

  .row > div {
    padding-top: 1rem;
    padding-bottom: 1rem;
    background-color: red;
    border: 1px solid white;
    text-align: center;
    color: white;
  }
</style>

-------------------------

<div class="container">
  <div class="row">
    <div class="col">
      Birinchi kelgan ustun
    </div>
    <div class="col order-5">
      Ikkinchi kelgan ustun lekin Order: 5 qiymati bilan
    </div>
    <div class="col order-1">
      Uchinchi kelgan ustun lekin Order: 1 qiymati bilan
    </div>
  </div>
</div>
```

▼ **Offsetting columns**

💡 **Offseting columns -** ustunlarni **o'ng tarafga surish** hisoblanib, Bootstrapning maxsus klasslari yordamida amalga oshiriladi. Umumiy ko'rinishi **.offset-{breakpoint}-*** bo'lib yulduzcha o'rniga **0dan 12gacha** bo'lgan qiymat beriladi.

```
<style>
  .row {
    margin-top: 20px;
    background-color: green;
  }

  .row > div {
```

```
    padding-top: 1rem;
    padding-bottom: 1rem;
    background-color: red;
    border: 1px solid white;
    text-align: center;
    color: white;
  }
</style>

--------------------------

<div class="container">
  <div class="row">
    <div class="col-md-4">.col-md-4</div>
    <div class="col-md-4 offset-md-4">.col-md-4 .offset-md-4</div>
  </div>
  <div class="row">
    <div class="col-md-3 offset-md-3">.col-md-3 .offset-md-3</div>
    <div class="col-md-3 offset-md-3">.col-md-3 .offset-md-3</div>
  </div>
  <div class="row">
    <div class="col-md-6 offset-md-3">.col-md-6 .offset-md-3</div>
  </div>
</div>
```