
Bootstrap

1-dars

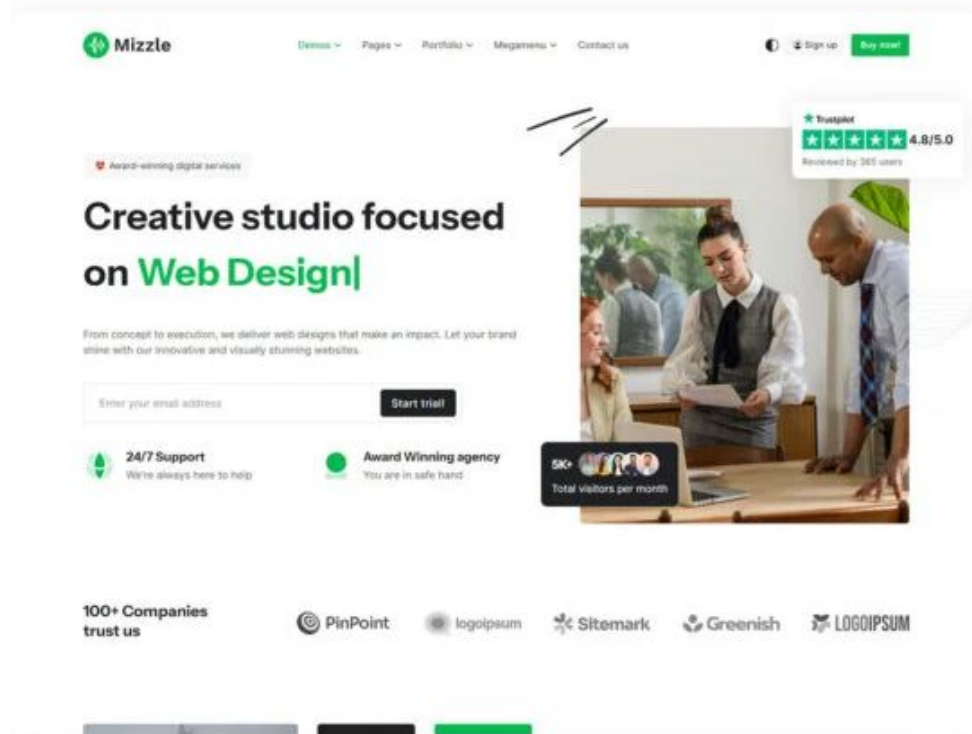
Bootstrap nima

CSS freymvork (framework) - CSS tilidan foydalangan holda, standartlarga mos veb dizayn yaratishni osonlashtiradigan kutubxona (library). Biz yaratayotgan veb saytimiz freymvork ustiga quriladi boshqacha qilib aytganda freymvork veb sahifamizni asosini tashkil etadi

Bootstrap - HTML, CSS va JavaScript yordamida yozilgan qulay, qayta ishlatish uchun mo'ljallangan kodlarning ulkan to'plami. Frontend dasturchilar uchun **responsive** veb sahifalarni **tezda** va **osonlik** bilan yaratish uchun mo'ljallangan CSS freymvorki

<https://getbootstrap.com/docs/5.3/getting-started/introduction/>

<https://themes.getbootstrap.com/>





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Overview

2. **Include Bootstrap's CSS and JS.** Place the `<link>` tag in the `<head>` for our CSS, and the `<script>` tag for our JavaScript bundle (including Popper for positioning dropdowns, poppers, and tooltips) before the closing `</body>`. Learn more about our [CDN links](#).

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Bootstrap demo</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel='
  </head>
  <body>
    <h1>Hello, world!</h1>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"
  </body>
</html>
```

```
<!doctype html>
<html lang="en">
  <head>
    <!-- Kerakli meta "tag"lar -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <!-- Bootstrap CSS -->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta2/dist/css/boo

    <title>Bootstrap freymvorki</title>
  </head>
  <body>
    <h1>Salom dunyo!</h1>

    <!-- Bootstrap JS -->
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta2/dist/js/boo
  </body>
</html>
```



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Compiled CSS and JS

Download ready-to-use compiled code for **Bootstrap v5.3.3** to easily drop into your project, which includes:

- Compiled and minified CSS bundles (see [CSS files comparison](#))
- Compiled and minified JavaScript plugins (see [JS files comparison](#))

This doesn't include documentation, source files, or any optional JavaScript dependencies like Popper.

Download

Source files

Breakpoints

Breakpoints - qurilmamizning kengligiga qarab veb sahifamiz o'z kontenti o'zgartiruvchi nuqtalar. Bu nuqtalarda, veb sahifamiz odatda boshqa ko'rinishga o'tib, qurilmaga moslashadi. Bootstrap o'zining breakpoint qiymatlariga ega

Bootstrap freymvorki Mobile-first yondashuv asosida qurilgan bo'lib, uning yordamida birinchi kichik o'lchamga ega bo'lgan qurilmalarga veb sahifa yaratib olinib, keyin esa kattaroq o'lchamga ega bo'lgan qurilmalar uchun moslanadi

Breakpoint	Class infix	Dimensions
X-Small	<i>None</i>	<576px
Small	<i>sm</i>	≥576px
Medium	<i>md</i>	≥768px
Large	<i>lg</i>	≥992px
Extra large	<i>xl</i>	≥1200px
Extra extra large	<i>xxl</i>	≥1400px

Containers

Container - Bootstrapning asosiy qismlaridan biri bo'lib, u elementlarni o'zida saqlash, surish va markazga joylashtirish uchun ishlatiladi. Bootstrapning Grid tizimini ishlatish uchun "container"dan foydalanish majburiy hisoblaniladi



```
.red-container{
```

```
background-color: red;
```

```
color: white;
```

```
margin-top: 50px;
```

```
padding: 20px;
```

```
border-radius: 10px;
```

```
}
```

```
<div class="container red-container" >
```

```
<h1>Lorem</h1>
```

```
<p>
```

```
    Lorem ipsum dolor sit amet consectetur, adipisicing elit. Ut tempora nisi
```

```
    quae tenetur nihil. Consequatur ab neque repellendus cupiditate, rerum temporibus
```

```
    laboriosam eum rem perferendis omnis dignissimos repellat voluptatibus mollitia?
```

```
</p>
```

```
</div>
```

Lorem

Lorem ipsum dolor sit amet consectetur, adipisicing elit. Ut tempora nisi quae tenetur nihil. Consequatur ab neque repellendus cupiditate, rerum temporibus laboriosam eum rem perferendis omnis dignissimos repellat voluptatibus mollitia?

container-fluid

to'liq kenglikdagi konteyner uchun, ko'rish oynasining butun kengligini qamrab oladi (100% kenglikka ega bo'ladi).

```
<div class="container-sm">container-sm</div>
```

```
<div class="container-md">container-md</div>
```

```
<div class="container-lg">container-lg</div>
```

```
<div class="container-xl">container-xl</div>
```

```
<div class="container-xxl">container-xxl</div>
```

Javob beruvchi konteynerlar belgilangan to'xtash nuqtasiga yetguncha 100% kenglikdagi sinfni belgilashga imkon beradi, shundan so'ng maksimal kengliklarni qo'llaymiz.

Grid

col 1	col 1	col 1	col 1	col 1	col 1	col 1	col 1	col 1	col 1	col 1	col 1
col 3			col 3			col 3			col 3		
col 4				col 4				col 4			
col 8 © tutlane.com								col 4			
col 2		col 2		col 4				col 2		col 2	
col 6						col 6					
col 12											

```
.row{
  margin-top: 20px;
}
.row > div{
  padding-top: 1rem;
  padding-bottom: 1rem;
  background-color: blue;
  border: 1px solid white;
  text-align: center;
}
<div class="container">
  <div class="row">
    <div class="col">
      1
    </div>
    <div class="col-6">
      2
    </div>
    <div class="col">
      3
    </div>
  </div>
  <div class="row">
    <div class="col">
      1
    </div>
    <div class="col">
      2
    </div>
    <div class="col-5">
      3
    </div>
  </div>
</div>
```

1

2

3

1

2

3

Columns

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

.col-xs-1	.col-xs-1	.col-xs-1	.col-xs-1	.col-xs-1	.col-xs-1	.col-xs-1	.col-xs-1	.col-xs-1	.col-xs-1
	.col-xs-3			.col-xs-7					
			.col-xs-4				.col-xs-4		
				.col-xs-7					
					.col-xs-6				


```
.row{
  min-height: 8rem;
  margin-top: 20px;
  background-color: gray;
}

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

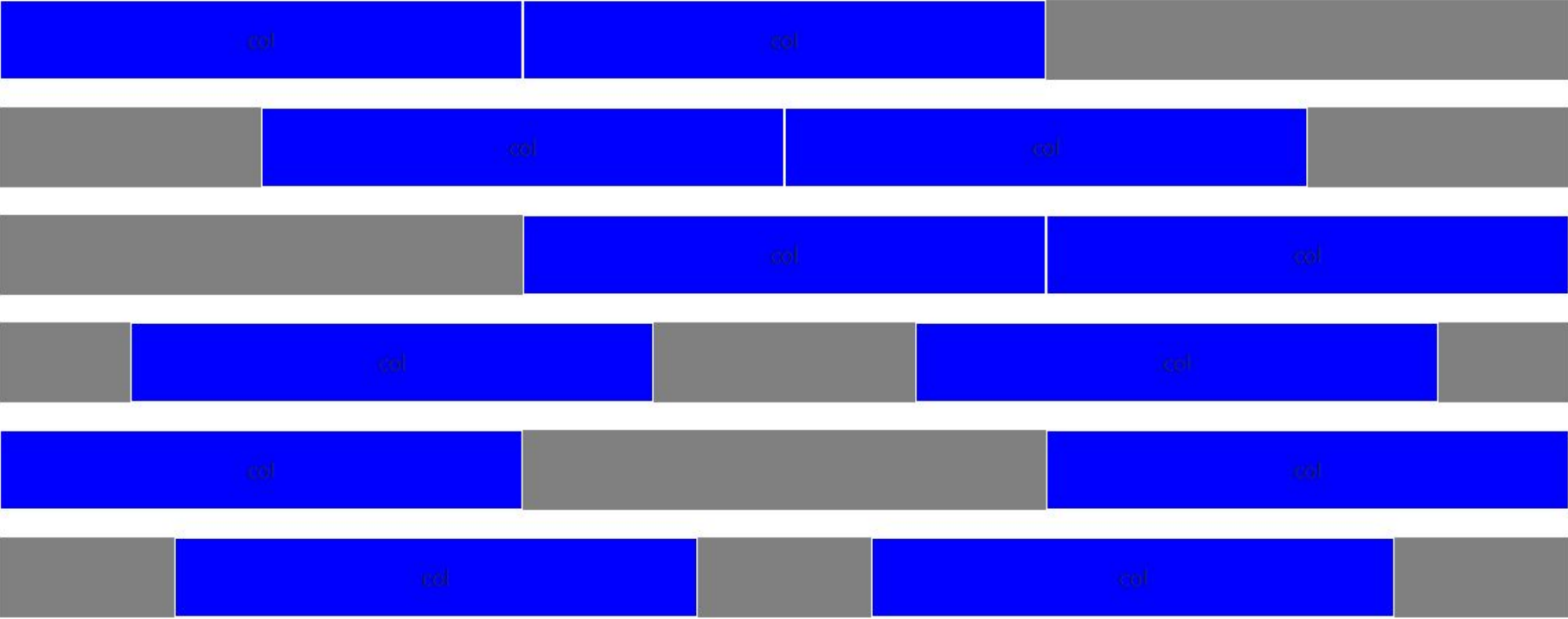
<div class="container">
  <div class="row align-items-start">
    <div class="col">col</div>
    <div class="col">col</div>
    <div class="col">col</div>
  </div>
  <div class="row align-items-center">
    <div class="col">col</div>
    <div class="col">col</div>
    <div class="col">col</div>
  </div>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

col	col	col
col	col	col
col	col	col
col	col	col

```
.row{
  margin-top: 20px;
  background-color: gray;
}

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

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



Images

```
.image-container{
```

```
    border: 1px solid, red;
```

```
    width: 400px;
```

```
}
```

```
<div class="image-container">
```

```
    
```

```
</div>
```

BOOTSTRAP

FLOAT

CLASSES



12

Vazifa

1	2	3	4	5	6
---	---	---	---	---	---

1	2	3
4	5	6

1	2
3	4
5	6

1

2

3

4

5

6

||