**Вопросы 💎**

1. Какие основные преимущества Bootstrap?

Bootstrap allows you to layout websites several times faster than you can with "pure" CSS and JavaScript. And in our world, time is the most expensive resource. It's also popular because it's affordable. The reason is that even a developer-beginner can use it to create high-quality layouts, which would be difficult to do without in-depth knowledge of web technologies and sufficient practice.

1. Как сделать желтую кнопку с помощью Bootstrap?

<button type="button" class="btn btn-warning">Предупреждение</button>

1. Каким кодом можно сделать такую сетку?

<div class="container-fluid">

<div class="row mb-3" style="height: 50vh;">

<div class="col-sm-7 mr-4 text-center align-middle text-white" style="height: 100%;">Gallery</div>

<div class="col-sm-4">

<div class="row">

<div class="col-sm-12 text-center text-white"

style="height: 10vh;width: 100%;">

Title

</div>

<div class="col-sm-12 text-center text-white"

style="height: 40vh;width: 100%;">

Buy Box

</div>

</div>

</div>

</div>

<div class="row">

<div class="col-12 mb-3 text-center text-white" style="height: 15vh;">Description</div>

</div>

<div class="row">

<div class="col-12 text-center text-white" style="height: 15vh;">Related</div>

</div>

</div>

1. Каким компонентом Bootstrap можно задать такой элемент?

We use the .progress as a wrapper to indicate the max value of the progress bar.

We use the inner .progress-bar to indicate the progress so far.

The .progress-bar requires an inline style, utility class, or custom CSS to set their width.

The .progress-bar also requires some role and aria attributes to make it accessible.

<div class="progress">

<div class="progress-bar" role="progressbar" style="width: 25%" aria-valuenow="25" aria-valuemin="0" aria-valuemax="100">25%</div>

</div>

1. Как убрать поля между колонками?

All you need to do is to define an additional **.no-gutters** class for the row element.

For example,

<div class="row no-gutters">

<div class="col-6 col-sm-4 col-md-4"><div>col-6 col-sm-4 col-md-4</div></div>

<div class="col-6 col-sm-4 col-md-4"><div>col-6 col-sm-4 col-md-4</div></div>

<div class="col-6 col-sm-4 col-md-4"><div>col-6 col-sm-4 col-md-4</div></div>

</div>

1. Как сделать навигацию на Bootstrap?

The base .nav component is built with flexbox and provide a strong foundation for building all types of navigation components. It includes some style overrides (for working with lists), some link padding for larger hit areas, and basic disabled styling.

<ul class="nav">

<li class="nav-item">

<a class="nav-link active" href="#">Active</a>

</li>

<li class="nav-item">

<a class="nav-link" href="#">Link</a>

</li>

<li class="nav-item">

<a class="nav-link" href="#">Link</a>

</li>

<li class="nav-item">

<a class="nav-link disabled" href="#">Disabled</a>

</li>

</ul>

Navbars come with built-in support for a handful of sub-components. Choose from the following as needed:

* .navbar-brand for your company, product, or project name.
* .navbar-nav for a full-height and lightweight navigation (including support for dropdowns).
* .navbar-toggler for use with our collapse plugin and other [navigation toggling](https://getbootstrap.com/docs/4.1/components/navbar/" \l "responsive-behaviors)behaviors.
* .form-inline for any form controls and actions.
* .navbar-text for adding vertically centered strings of text.
* .collapse.navbar-collapse for grouping and hiding navbar contents by a parent breakpoint.

1. Что такое колонка **auto-layout ?**

Utilize breakpoint-specific column classes for easy column sizing without an explicit numbered class like .col-sm-6.

For example, here are two grid layouts that apply to every device and viewport, from xsto xl. Add any number of unit-less classes for each breakpoint you need and every column will be the same width.

<div class="container">

<div class="row">

<div class="col">

1 of 2

</div>

<div class="col">

2 of 2

</div>

</div>

<div class="row">

<div class="col">

1 of 3

</div>

<div class="col">

2 of 3

</div>

<div class="col">

3 of 3

</div>

</div>

</div>

Auto-layout for flexbox grid columns also means you can set the width of one column and have the sibling columns automatically resize around it. You may use predefined grid classes, grid mixins, or inline widths. Note that the other columns will resize no matter the width of the center column.

1. Как сделать центрирование содержимого по горизонтали? А по вертикали?

In order to align items vertically, we can use the flexbox property align-items-\* for the row.

For example, in order to align items in the center, we can write the following code:

<div class="row align-items-center">

<div class="col">Середина</div>

<div class="col">Середина</div>

<div class="col">Середина</div>

</div>

Or by indicating a specific class tot he column itself:

<div class="row">

<div class="col align-self-start">Верх</div>

<div class="col align-self-center">Середина</div>

<div class="col align-self-end">Низ</div>

</div>

If we want instead to align items horizontally, then we use a property justify-content next to the row:

<div class="row justify-content-center">

<div class="col-4">row justify-content-center</div>

<div class="col-4">row justify-content-center</div>

</div>

1. Как задать адаптивность для колонки шириной в 50%, чтобы при ширине экрана меньше 768px она становилась шириной на весь экран?

<div class="container">

<div class="row">

<div class="col-md-6">Column 1</div>

<div class="col-md-6">Column 2</div>

</div>

</div>

co-l-md-6 means using 6 columns of 12, i.e. 50% width on typical medium screen sizes. Which are greater than or equal to 768px.

On screens smaller than 768px, the 2 columns will become 100% width and stand upright.

1. Что произойдет, если колонок станет больше 12?

If more than 12 columns are placed within a single row, each group of extra columns will, as one unit, wrap onto a new line. Breaking columns to a new line in flexbox requires a small hack: add an element with width: 100% wherever you want to wrap your columns to a new line. Normally this is accomplished with multiple .rows, but not every implementation method can account for this.

1. Как задать иконку инстаграм через font awasome?

<i class="fab fa-instagram"></i>

1. Чем отличается container от container-fluid?

Use .container-fluid for a full width container, spanning the entire width of the viewport. Or a responsive, fixed-width container (meaning its max-width changes at each breakpoint).