Skill Training
Advanced CSS

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Schedule for Advanced CSS & JS

Day1 : Advanced JS : ES6, Arrow Functions,…

Day2 : Advanced JS : OOPs, Modules, Closures

Day3 : Advanced JS : Asynchronous, Promises,…

Day4 : Advanced CSS : CSS3 Layouts, Media Queries

Day5 : Advanced CSS: UI Frameworks

Advanced CSS
UI Frameworks

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Index – Day5

1. **UI Frameworks**
    a. Introduction to UI Frameworks
    b. Bootstrap
    c. Blueprint
    d. MUI (Material UI)

Introduction to UI Frameworks

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Bootstrap

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Bootstrap · The most popular HT

getbootstrap.com

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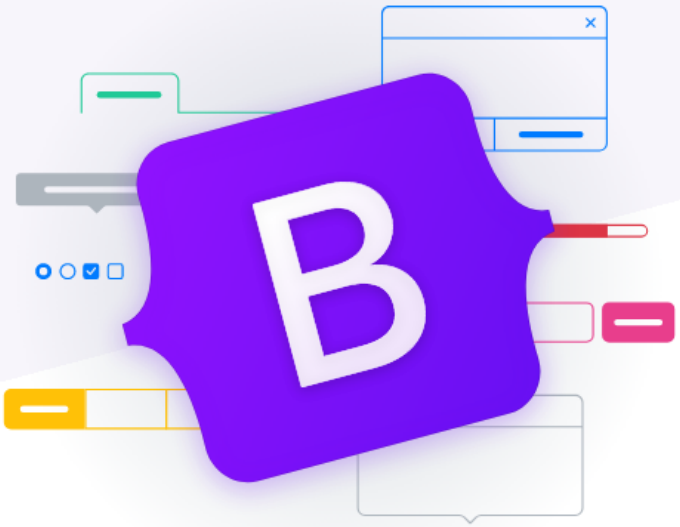
Download

Build fast, responsive sites with Bootstrap

Quickly design and customize responsive mobile-first sites with Bootstrap, the world's most popular front-end open source toolkit, featuring Sass variables and mixins, responsive grid system, extensive prebuilt components, and powerful JavaScript plugins.

Get started Download

Currently **v5.0.0-beta1** · Previous releases



Bootstrap - Buttons

1. **btn btn-default**
2. **btn btn-primary**
3. **btn btn-success**
4. **btn btn-info**
5. **btn btn-danger**
6. **btn btn-warning**
7. **btn btn-link (Used to display button as hyperlink)**

Bootstrap - Tables

Table Tag

- table
- table-dark

TR Tag (Light)

- table-primary
- table-success
- table-danger
- table-warning
- table-info

TR Tag (Dark)

- bg-primary
- bg-succes
- bg-warning
- bg-danger
- bg-info

Practice Hands-Ons

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Blueprint

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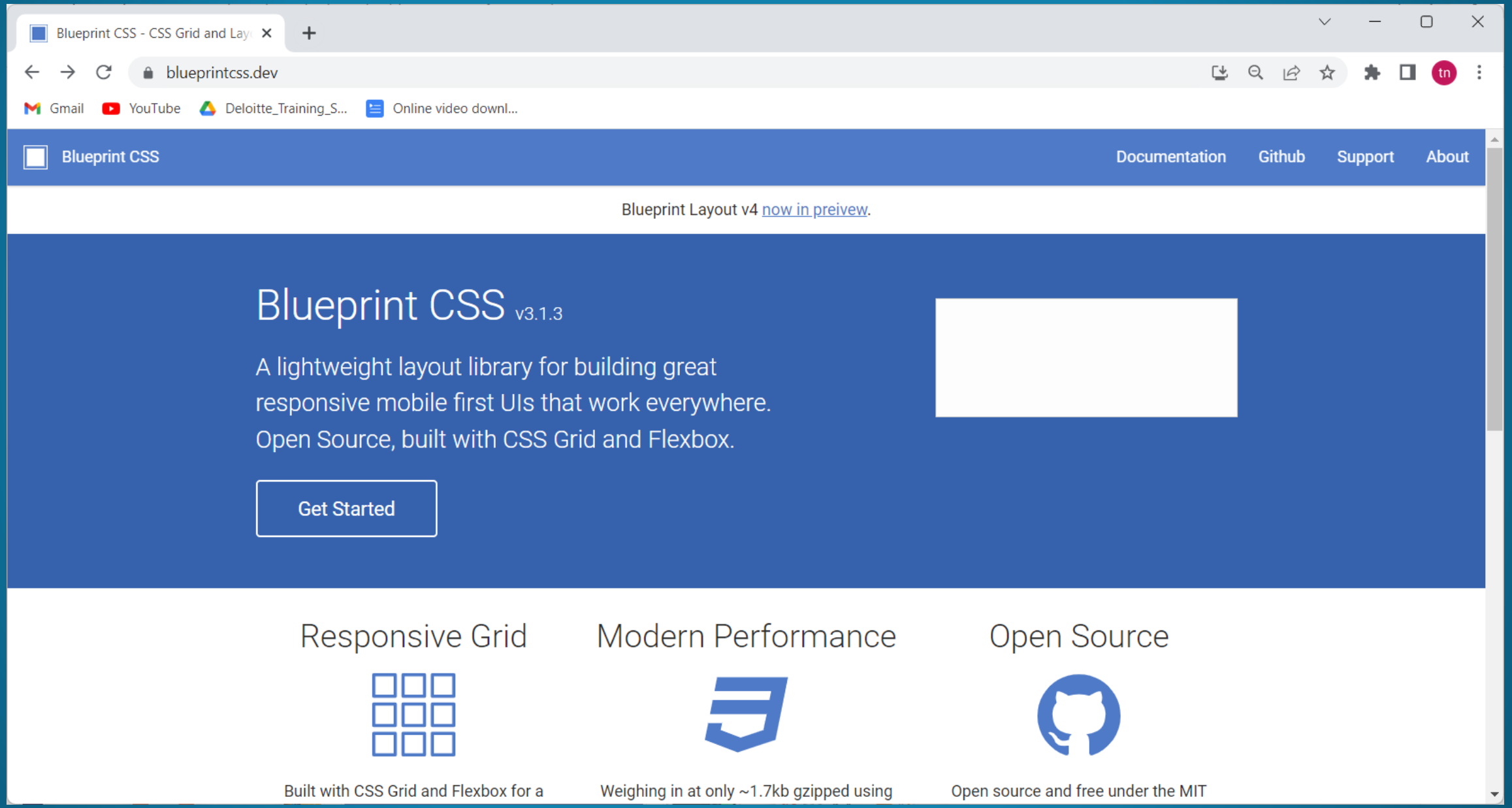
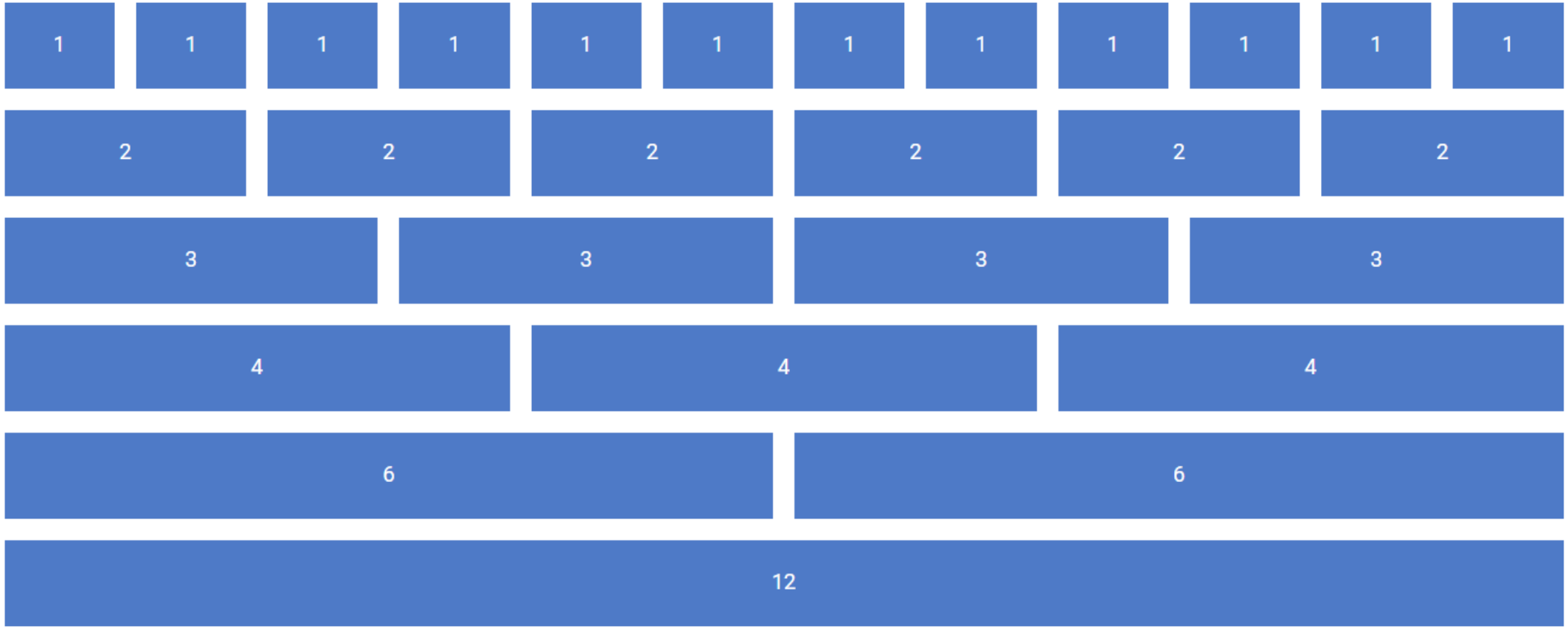
https://blueprintcss.dev/

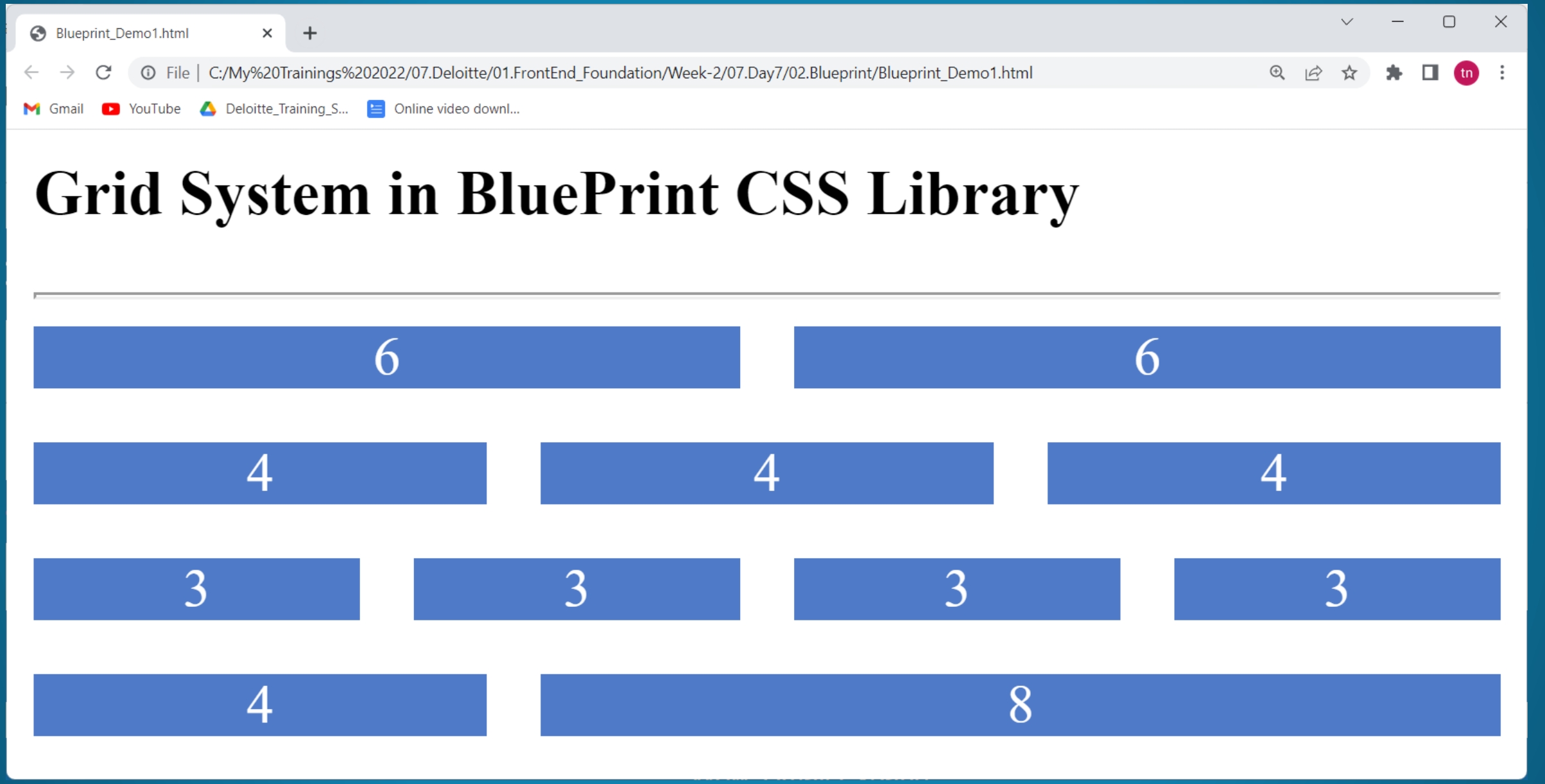


```
<link href="https://unpkg.com/blueprint-css@3.1.3/dist/blueprint.min.css" rel="stylesheet" />
```

Full Grid Layout

Example showing all 12 column options.




Blueprint_Demo1.html
File | C:/My%20Trainings%202022/07.Deloitte/01.FrontEnd_Foundation/Week-2/07.Day7/02.Blueprint/Blueprint_Demo1.html
Gmail
YouTube
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Online video downl...
Grid System in BluePrint CSS Library
6
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4
8

Grid System in Blueprint CSS

```
<div bp="grid">
    <div  bp="6">1</div>
    <div  bp="6">2</div>

    <div  bp="4">3</div>
    <div  bp="4">4</div>
    <div  bp="4">5</div>

    <div   bp="3">6</div>
    <div   bp="3">7</div>
   <div    bp="3">8</div>
    <div   bp="3">9</div>
</div>
```

Practice Hands-Ons

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MUI (Material UI)

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Sr. IT Trainer/Consultant

What is Material UI?

- MUI offers a comprehensive suite of UI tools to help you ship new features faster.
- Start with Material UI, our fully-loaded component library, or bring your own design system to our production-ready components.
- The world's best product teams trust MUI to deliver an unrivaled experience for both developers and users.

MUI: The React component libra

mui.com

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Move faster with intuitive React UI tools

MUI offers a comprehensive suite of UI tools to help you ship new features faster. Start with Material UI, our fully-loaded component library, or bring your own design system to our production-ready components.

Get started >

```
npm install @mui/material @emotion...
```

March 25th

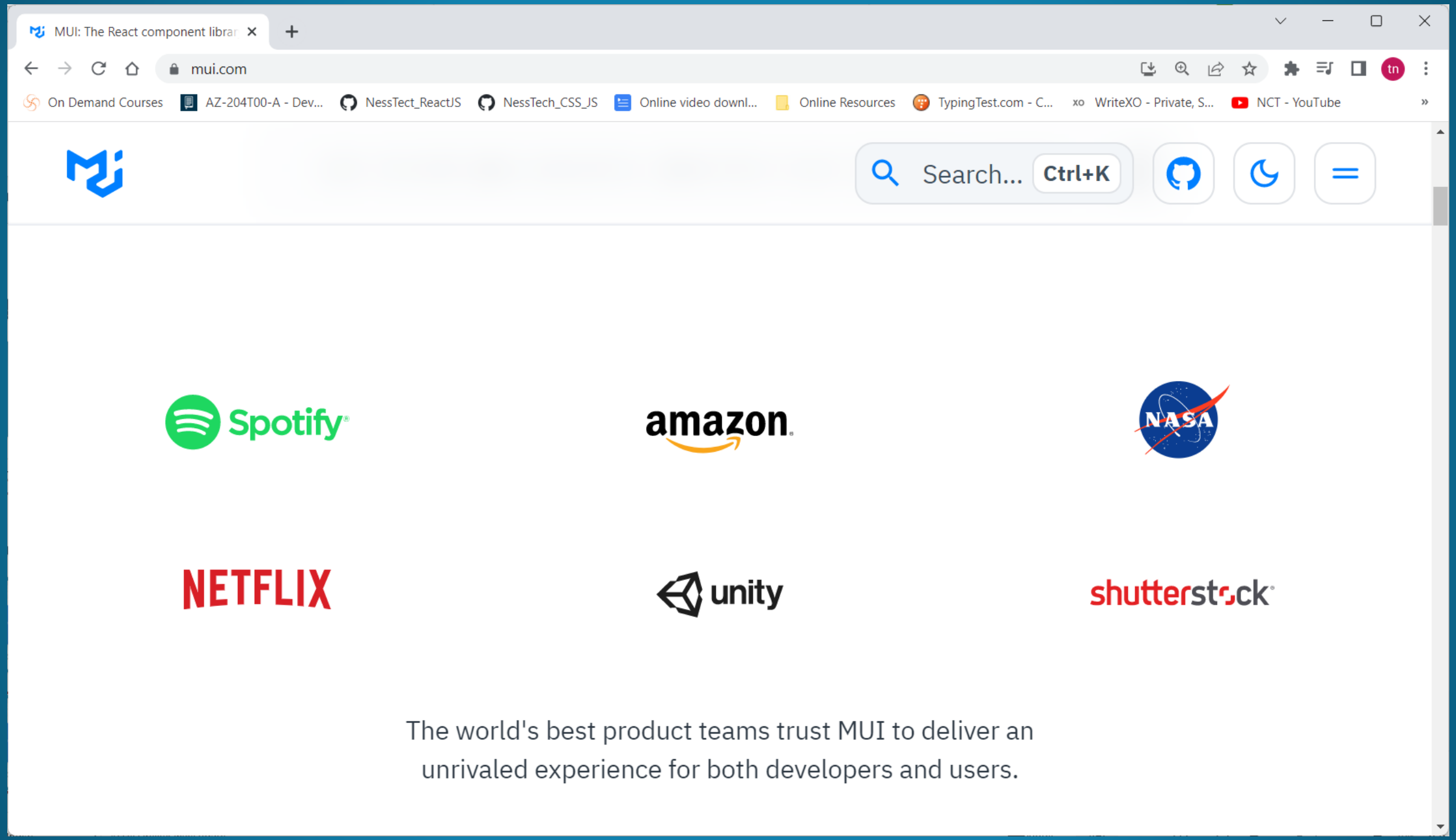
Check the docs for getting every component API

Assigned to
Michael Scott

60%

Ultraviolet

Basement • Beside Myself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The world's best product teams trust MUI to deliver an unrivaled experience for both developers and users.

What is Material UI?

- Material UI is an open-source React component library that implements Google's Material Design.

- It includes a comprehensive collection of prebuilt components that are ready for use in production right out of the box.

- Material UI is beautiful by design and features a suite of customization options that make it easy to implement your own custom design system on top of our components.

Material UI -- Installation

- npm install @mui/material
- npm install @emotion/react
- npm install @emotion/styled
- npm install @mui/icons-material

Material UI -- Components

- Button
- ButtonGroup
- Rating
- Accordion
- Etc…

Implementation

```
import Button from '@mui/material/Button';


<Button variant="text">Text</Button>
<Button variant="contained">Contained</Button>
<Button variant="outlined">Outlined</Button>
```

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