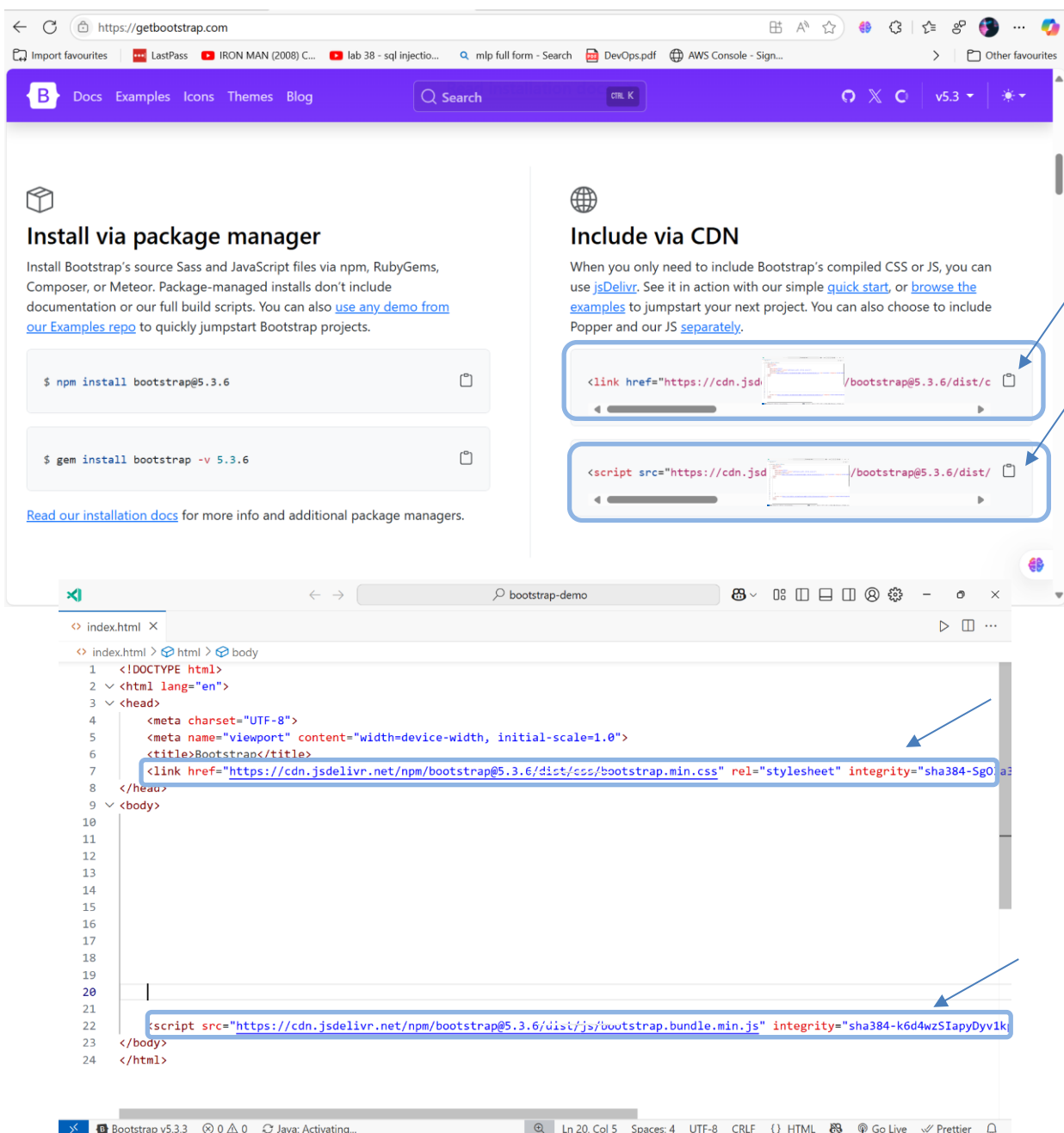


INTRODUCTION

Bootstrap is a CSS Framework with JavaScript plugins.
Frontend Toolkit for developing responsive website.

<https://getbootstrap.com/>



The screenshot displays the Bootstrap website's installation instructions and a corresponding code editor. The website's navigation bar includes links for Docs, Examples, Icons, Themes, and Blog, along with a search bar and version selector (v5.3).

Install via package manager

Install Bootstrap's source Sass and JavaScript files via npm, RubyGems, Composer, or Meteor. Package-managed installs don't include documentation or our full build scripts. You can also [use any demo from our Examples repo](#) to quickly jumpstart Bootstrap projects.

```
$ npm install bootstrap@5.3.6
```

```
$ gem install bootstrap -v 5.3.6
```

[Read our installation docs](#) for more info and additional package managers.

Include via CDN

When you only need to include Bootstrap's compiled CSS or JS, you can use [jsDelivr](#). See it in action with our simple [quick start](#), or [browse the examples](#) to jumpstart your next project. You can also choose to include Popper and our JS [separately](#).

Code snippets for CDN inclusion:

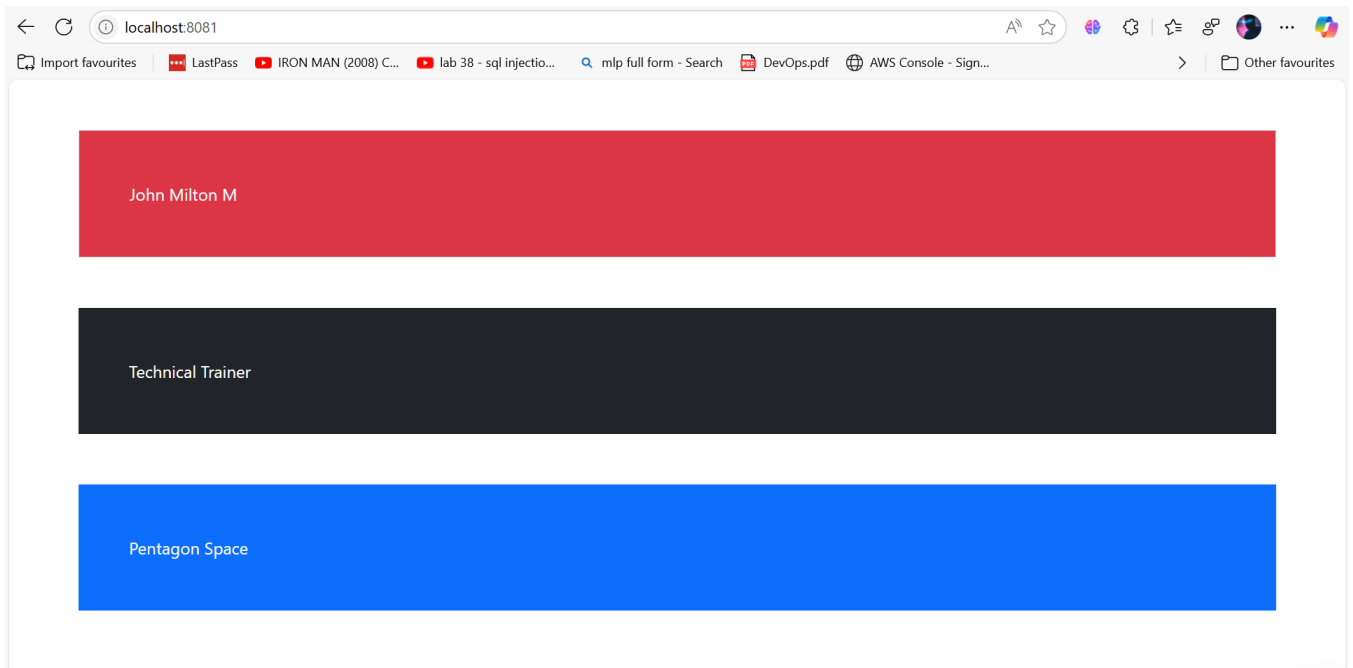
```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.6/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-Sg0a3" data-bbox="510 500 850 530">
```

```
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.6/dist/js/bootstrap.bundle.min.js" integrity="sha384-k6d4wzSIapyDyv1k" data-bbox="510 550 850 580">
```

The code editor shows the HTML structure of a demo page, with the CDN links highlighted and annotated with arrows from the website instructions.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Bootstrap</title>
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.6/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-Sg0a3" data-bbox="190 710 830 725">
</head>
<body>
  ...
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.6/dist/js/bootstrap.bundle.min.js" integrity="sha384-k6d4wzSIapyDyv1k" data-bbox="190 840 830 855">
</body>
</html>
```

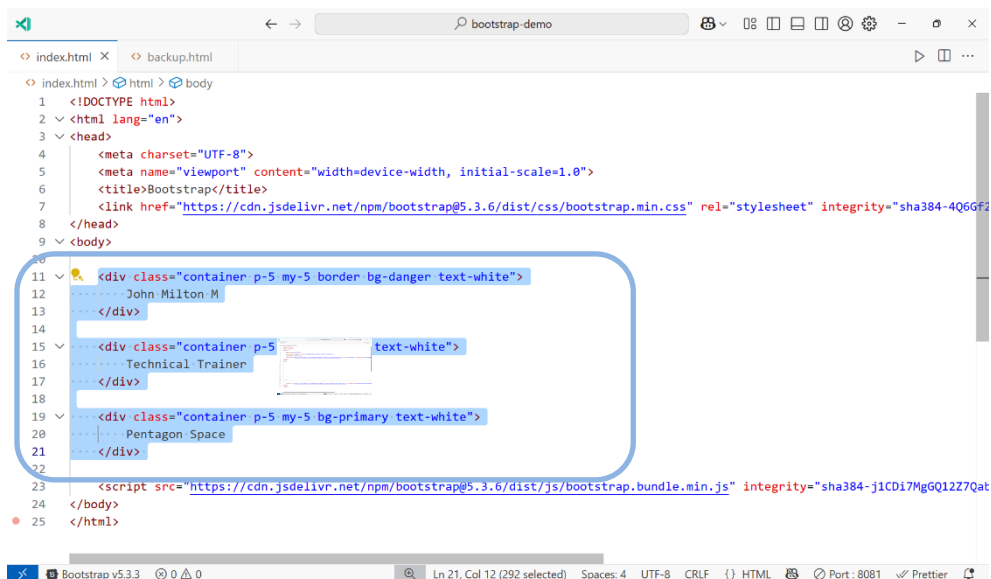
CONTAINER



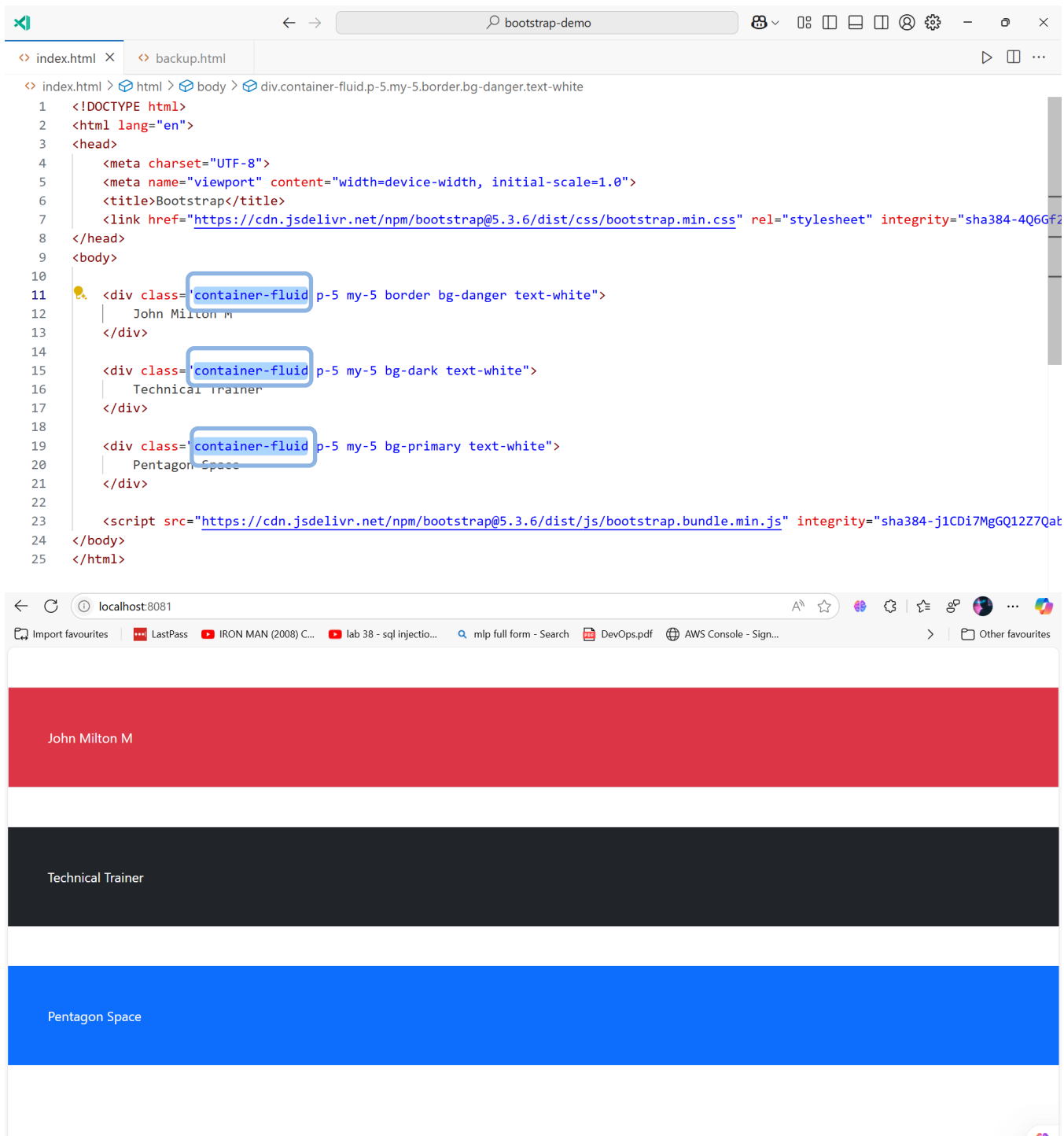
```
<div class="container p-5 my-5 border bg-danger text-white">  
  John Milton M  
</div>
```

```
<div class="container p-5 my-5 bg-dark text-white">  
  Technical Trainer  
</div>
```

```
<div class="container p-5 my-5 bg-primary text-white">  
  Pentagon Space  
</div>
```



FLUID CONTAINER



The screenshot displays a web browser window at localhost:8081 showing a Bootstrap demo. The browser's developer tools are open, showing the HTML structure of the page. The HTML code includes a head section with meta tags for charset, viewport, and title, and a link to Bootstrap CSS. The body contains three fluid containers, each with a different background color and text color. The first container is red with white text, the second is dark gray with white text, and the third is blue with white text. The browser's address bar shows 'localhost:8081' and the page title is 'bootstrap-demo'.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Bootstrap</title>
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.6/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-4Q6Gf2
</head>
<body>
  <div class="container-fluid p-5 my-5 border bg-danger text-white">
    John Milton M
  </div>
  <div class="container-fluid p-5 my-5 bg-dark text-white">
    Technical Trainer
  </div>
  <div class="container-fluid p-5 my-5 bg-primary text-white">
    Pentagon Space
  </div>
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.6/dist/js/bootstrap.bundle.min.js" integrity="sha384-j1CDi7MgQ12Z7Qat
</body>
</html>
```

John Milton M

Technical Trainer

Pentagon Space

KEY DIFFERENCE:

- Container leave space in left and right (margin)
- Fluid container will not leave space and it will occupy entire width of the viewport

Note:

- Both will not leave space in top and bottom, we only need to specify the margin on top ($m_t - 5$) and bottom ($m_b - 5$) or both top and bottom ($m_y - 5$)
- Here in the example, we are using class name my-5 that means we are leaving space in y-direction that means margin-top and margin-bottom is set to 3rem

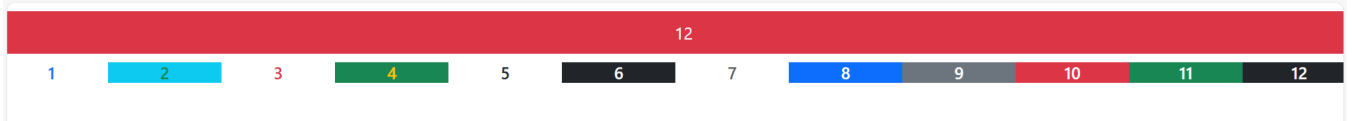
```
<div class="container-fluid p-5">  
  John Milton M  
</div>
```

```
.my-5 {  
  margin-top: 3rem !important;  
  margin-bottom: 3rem !important;  
}
```

```
<div class="container-fluid p-5 my-5 bg-dark text-white">  
  Technical Trainer  
</div>
```

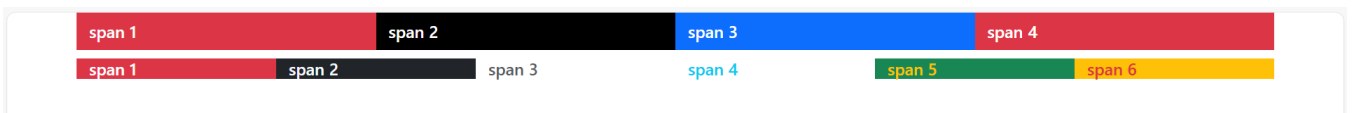
```
<div class="container-fluid p-5 my-5 bg-primary text-white">  
  Pentagon Space  
</div>
```

GRID



```
<div class="row">
  <div class="col-12 text-white bg-danger text-center py-2 m-2">12</div>
</div>
```

```
<div class="row">
  <div class="col h6 text-primary text-center">1</div>
  <div class="col-1 h6 text-success bg-info text-center">2</div>
  <div class="col-1 h6 text-danger text-center">3</div>
  <div class="col-1 h6 text-warning bg-success text-center">4</div>
  <div class="col-1 h6 text-dark text-center">5</div>
  <div class="col-1 h6 text-light bg-dark text-center">6</div>
  <div class="col-1 h6 text-muted text-center">7</div>
  <div class="col-1 h6 text-white bg-primary text-center">8</div>
  <div class="col-1 h6 text-white bg-secondary text-center">9</div>
  <div class="col-1 h6 text-white bg-danger text-center">10</div>
  <div class="col-1 h6 text-white bg-success text-center">11</div>
  <div class="col-1 h6 text-white bg-dark text-center">12</div>
</div>
```



```
<div class="container">
  <div class="row">
    <div class="col-3 py-2 h6 text-white bg-danger">span 1</div>
    <div class="col-3 py-2 h6 text-white bg-black">span 2</div>
    <div class="col-3 py-2 h6 text-white bg-primary">span 3</div>
    <div class="col-3 py-2 h6 text-white bg-danger">span 4</div>
  </div>
```

```
<div class="row">
  <div class="col-2 h6 text-white bg-danger ">span 1</div>
  <div class="col-2 h6 text-light bg-dark">span 2</div>
  <div class="col-2 h6 text-muted">span 3</div>
  <div class="col-2 h6 text-info">span 4</div>
  <div class="col-2 h6 text-warning bg-success">span 5</div>
  <div class="col-2 h6 text-danger bg-warning">span 6</div>
</div>
</div>
```

span 1		span 2		span 3	
span 1	span 2	span 3	span 4		span 5

```
<div class="container">
  <div class="row">
    <div class="col-5 py-2 h6 text-white bg-danger">span 1</div>
    <div class="col-4 py-2 h6 text-white bg-primary">span 2</div>
    <div class="col-3 py-2 h6 text-white bg-danger">span 3</div>
  </div>

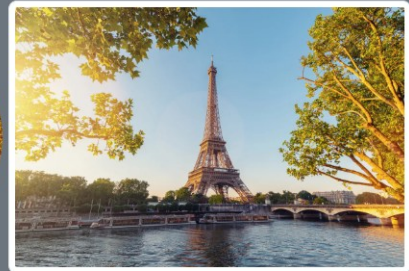
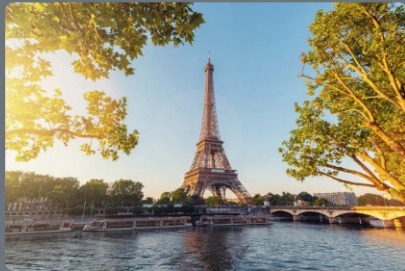
  <div class="row">
    <div class="col-2 h6 text-white bg-danger ">span 1</div>
    <div class="col-3 h6 text-white bg-primary">span 2</div>
    <div class="col-1 h6 text-info">span 3</div>
    <div class="col-3 h6 text-warning bg-success">span 4</div>
    <div class="col-3 h6 text-danger bg-warning">span 5</div>
  </div>
</div>
```

TABLES

First Name	Last Name	Role
John	Milton	Technical Trainer

```
<table class="table table-striped table-bordered table-hover table-dark">
  <thead>
    <tr>
      <th>First Name</th>
      <th>Last Name</th>
      <th>Role</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>John</td>
      <td>Milton</td>
      <td>Technical Trainer</td>
    </tr>
  </tbody>
</table>
```

IMAGES



```

```

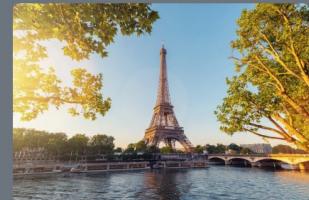
```

```

```

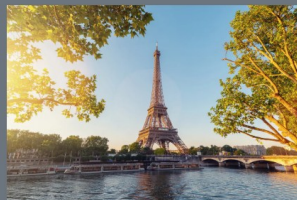
```

ALIGNING IMAGES



```

```



```

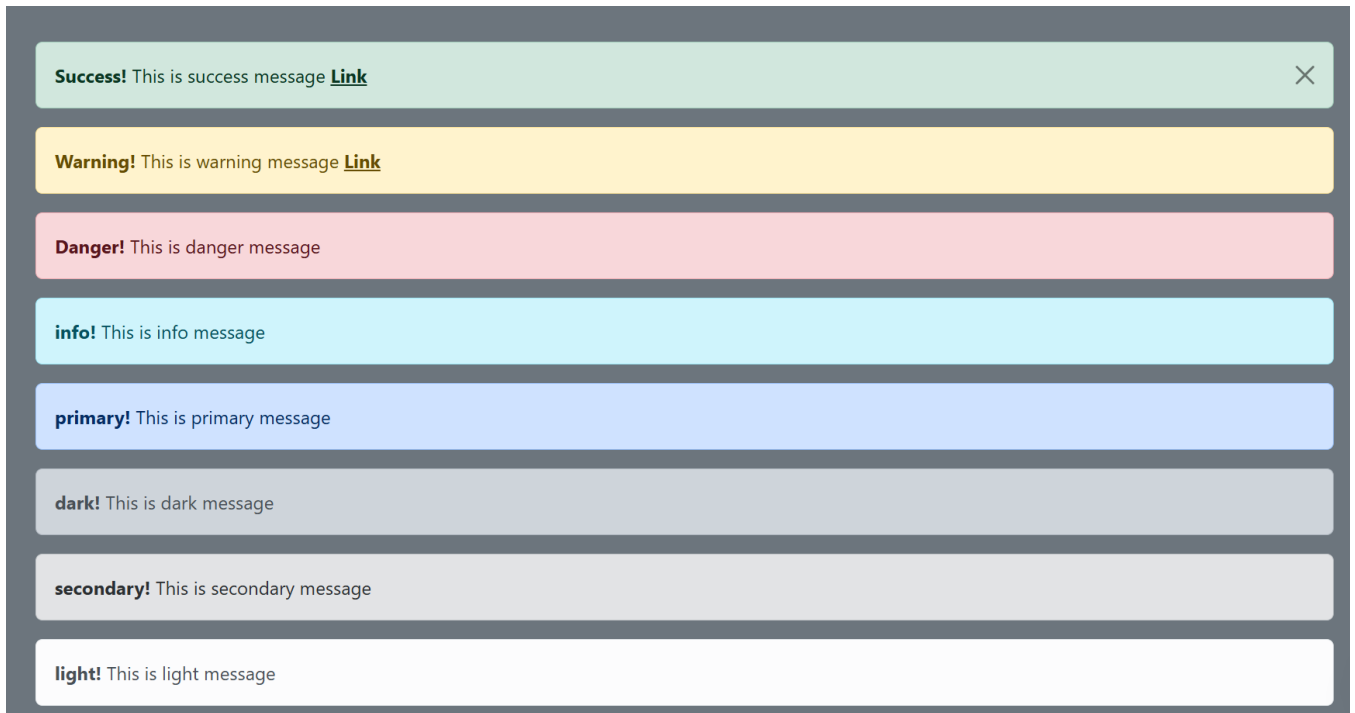
```

ALERT BOX

```
<div class="alert alert-success alert-dismissible">
  <button type="button" class="btn-close" data-bs-dismiss="alert"></button>
  <strong>Success! </strong>
  This is success message
  <a href="#" class="alert-link">Link</a>
</div>

<div class="alert alert-warning">
  <strong>Warning! </strong>
  This is warning message
  <a href="#" class="alert-link">Link</a>

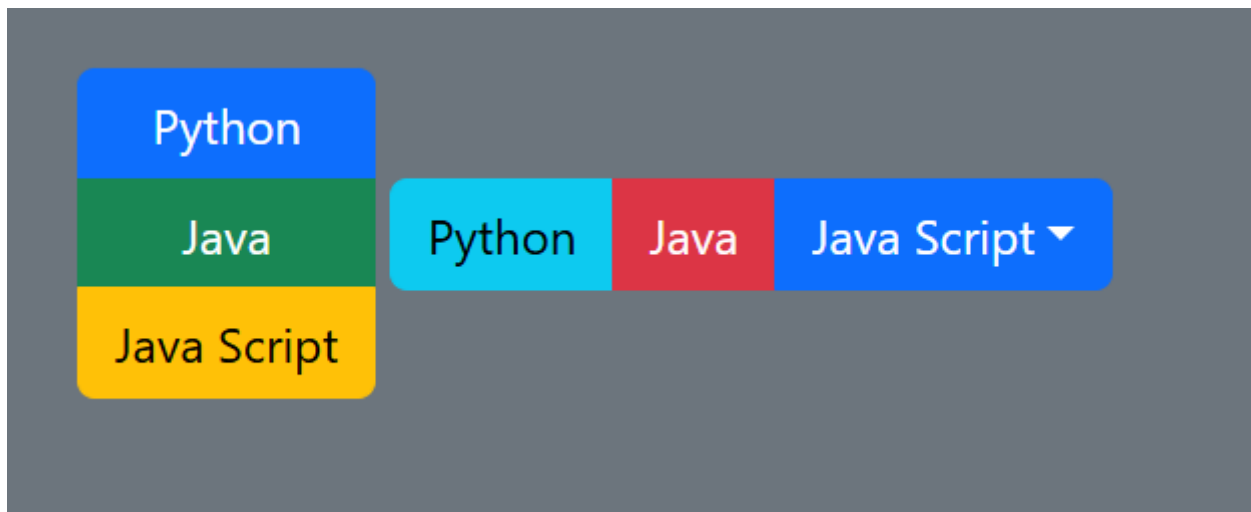
</div>
<div class="alert alert-danger">
  <strong>Danger! </strong>
  This is danger message
</div>
<div class="alert alert-info">
  <strong>info! </strong>
  This is info message
</div>
<div class="alert alert-primary">
  <strong>primary! </strong>
  This is primary message
</div>
<div class="alert alert-dark">
  <strong>dark! </strong>
  This is dark message
</div>
<div class="alert alert-secondary">
  <strong>secondary! </strong>
  This is secondary message
</div>
<div class="alert alert-light">
  <strong>light! </strong>
  This is light message
</div>
```

BUTTONS, DROPDOWN

```
<div class="btn-group-vertical">
  <button type="button" class="btn btn-primary">Python</button>
  <button type="button" class="btn btn-success">Java</button>
  <button type="button" class="btn btn-warning">Java Script</button>
</div>
```

```
<div class="btn-group">
  <button type="button" class="btn btn-info">Python</button>
  <button type="button" class="btn btn-danger">Java</button>
  <div class="btn-group">
    <button type="button" class="btn btn-primary dropdown-toggle" data-bs-
toggle="dropdown">Java Script</button>
    <div class="dropdown-menu">
      <a class="dropdown-item bg-danger" href="#">React</a>
      <a class="dropdown-item" href="#">Express</a>
    </div>
  </div>
</div>
```



BADGES

Pentagon Space New

Messages 4

```
<h6>Pentagon Space <span class="badge bg-danger rounded-pill">New</span></h6>  
<h6>Messages <span class="badge bg-warning text-black">4</span></h6>
```

PROGRESS BAR



```
<div class="progress my-5">
  <div class="progress-bar progress-bar-striped" style="width:70%"></div>
</div>

<div class="progress">
  <div class="progress-bar bg-success" style="width:40%">
    Free Space
  </div>
  <div class="progress-bar bg-warning" style="width:10%">
    Warning
  </div>
  <div class="progress-bar bg-danger" style="width:20%">
    Danger
  </div>
</div>
```

SPINNER



```
<div class="spinner-border text-muted"></div>
<div class="spinner-grow text-primary"></div>
<div class="spinner-border text-success"></div>
<div class="spinner-grow text-info"></div>
<div class="spinner-border text-warning"></div>
<div class="spinner-grow text-danger"></div>
<div class="spinner-border text-secondary"></div>
<div class="spinner-grow text-dark"></div>
<div class="spinner-border text-light"></div>
```

PAGINATION



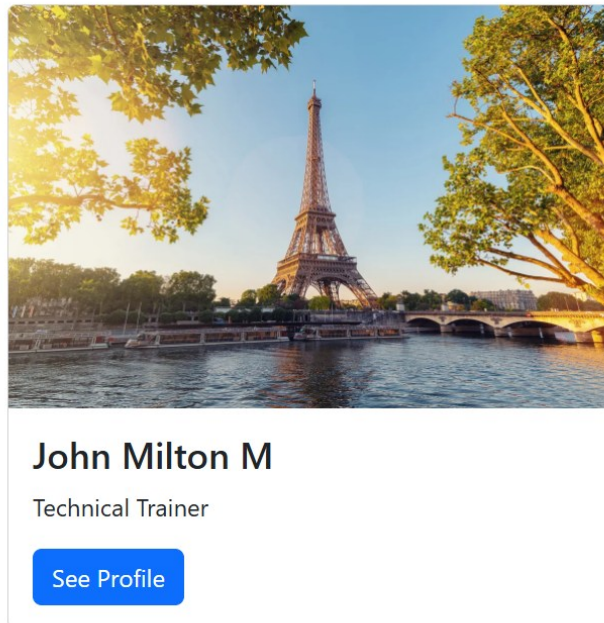
```
<ul class="pagination">
  <li class="page-item disabled"><a class="page-link" href="#">Previous</a></li>
  <li class="page-item active"><a class="page-link" href="#">1</a></li>
  <li class="page-item"><a class="page-link" href="#">2</a></li>
  <li class="page-item"><a class="page-link" href="#">3</a></li>
  <li class="page-item"><a class="page-link" href="#">Next</a></li>
</ul>
```

LIST GROUPS

Active item
Success item
Secondary item
Info item
Warning item
Danger item
Primary item
Dark item

```
<ul class="list-group">
  <li class="list-group-item active">Active item</li>
  <li class="list-group-item list-group-item-success">Success item</li>
  <li class="list-group-item list-group-item-secondary">Secondary item</li>
  <li class="list-group-item list-group-item-info">Info item</li>
  <li class="list-group-item list-group-item-warning">Warning item</li>
  <li class="list-group-item list-group-item-danger">Danger item</li>
  <li class="list-group-item list-group-item-primary">Primary item</li>
  <li class="list-group-item list-group-item-dark">Dark item</li>
</ul>
```

CARD



```
<div class="card" style="width:400px">  
    
  <div class="card-body">  
    <h4 class="card-title">John Milton M</h4>  
    <p class="card-text">Technical Trainer</p>  
    <a href="#" class="btn btn-primary">See Profile</a>  
  </div>  
</div>
```

COLLAPSE

Toggle

Bootstrap is a powerful front-end framework for faster and easier web development.

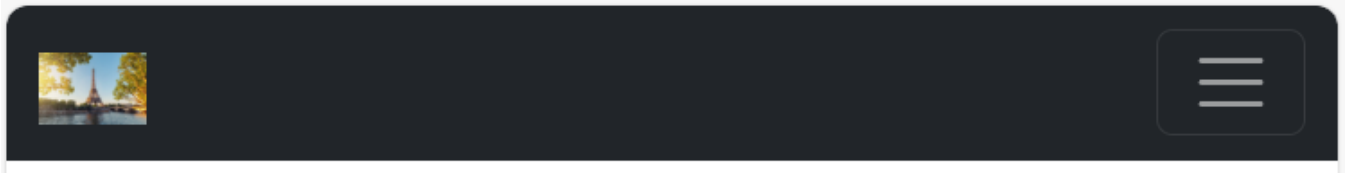
```
<button class="btn btn-primary" data-bs-toggle="collapse" data-bs-target="#target">Toggle</button>
```

```
<div id="target" class="collapse">
```

Bootstrap is a powerful front-end framework for faster and easier web development.

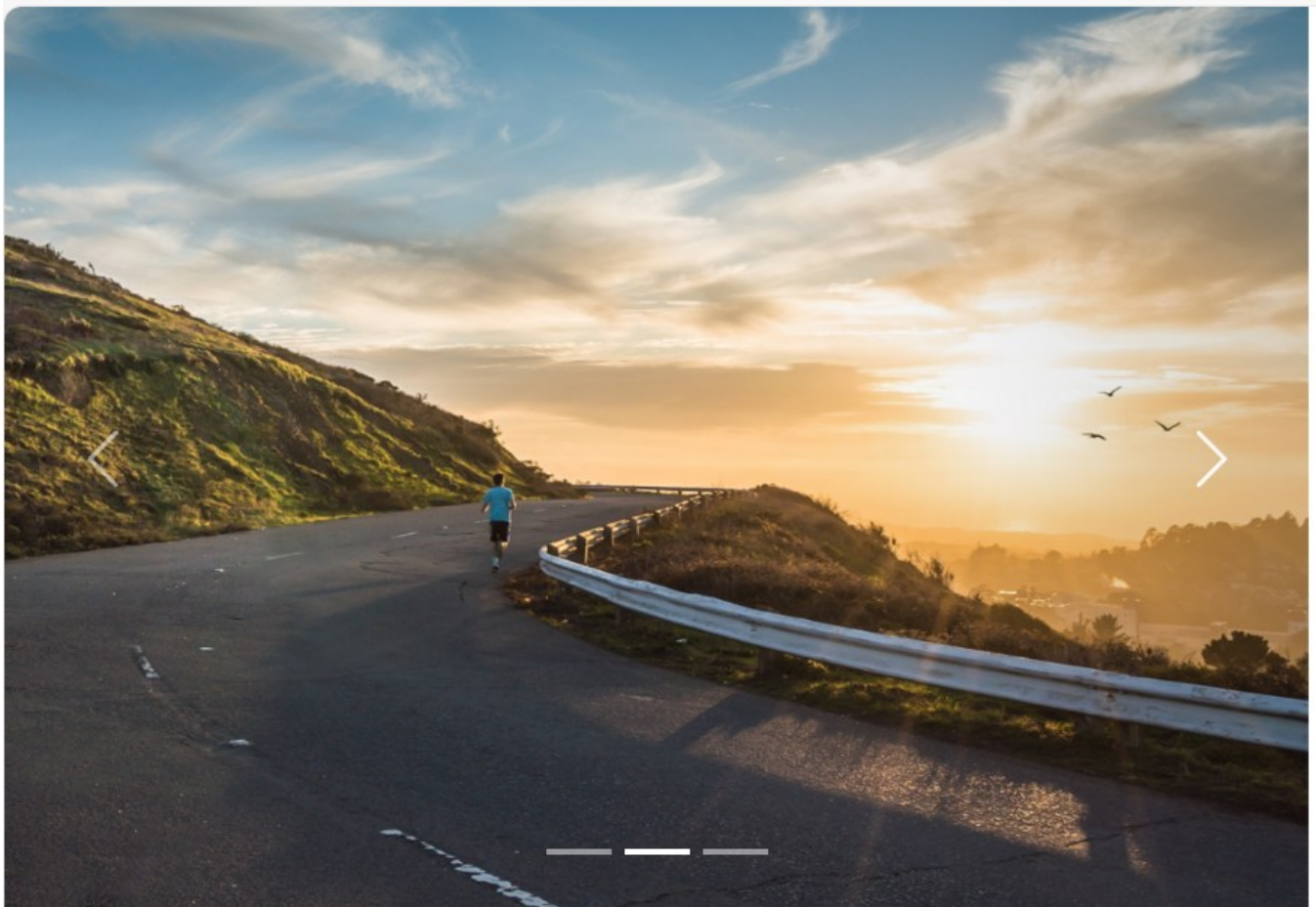
```
</div>
```

NAV BAR



```
<nav class="navbar navbar-expand-sm bg-dark navbar-dark fixed-top">
  <div class="container-fluid">
    <a class="navbar-brand" href="#">
      
    </a>
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-
target="#collapsibleNavbar">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="collapsibleNavbar">
      <ul class="navbar-nav ms-auto">
        <li class="nav-item">
          <a class="nav-link" href="#">Link 1</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#">Link 2</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="#">Link 3</a>
        </li>
      </ul>
    </div>
  </div>
</nav>
```

CAROUSEL



```
<div id="demo" class="carousel slide" data-bs-ride="carousel" style="width: 600px;">

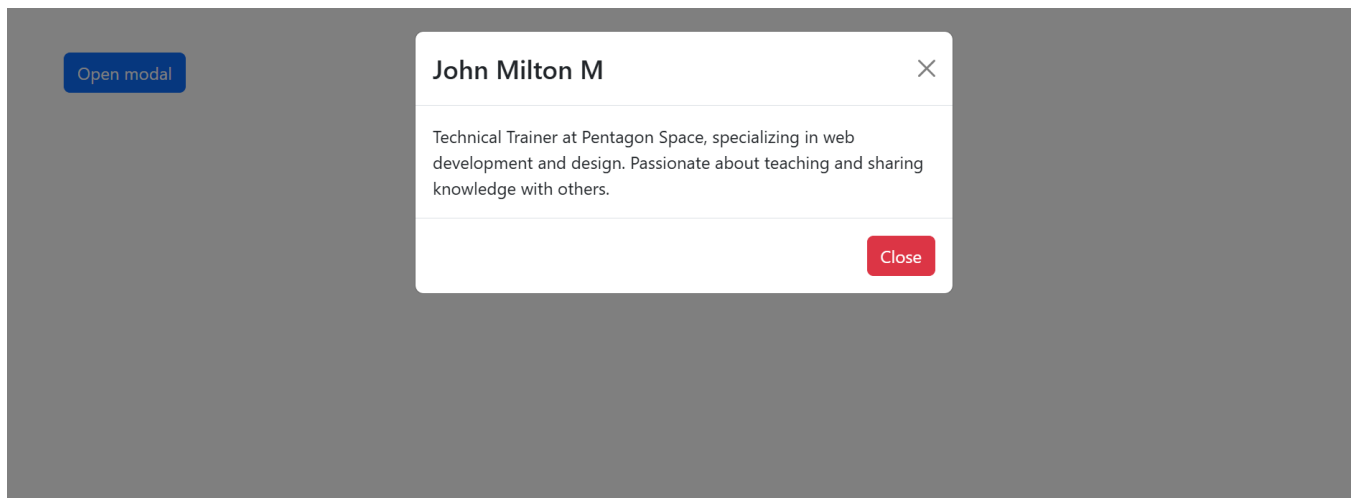
  <!-- Indicators/dots -->
  <div class="carousel-indicators">
    <button type="button" data-bs-target="#demo" data-bs-slide-to="0"
class="active"></button>
    <button type="button" data-bs-target="#demo" data-bs-slide-to="1"></button>
    <button type="button" data-bs-target="#demo" data-bs-slide-to="2"></button>
  </div>

  <!-- The slideshow/carousel -->
  <div class="carousel-inner">
    <div class="carousel-item active">
      
    </div>
    <div class="carousel-item">
      
    </div>
  </div>
```

```
<div class="carousel-item">
  
</div>
</div>

<!-- Left and right controls/icons -->
<button class="carousel-control-prev" type="button" data-bs-target="#demo" data-bs-slide="prev">
  <span class="carousel-control-prev-icon"></span>
</button>
<button class="carousel-control-next" type="button" data-bs-target="#demo" data-bs-slide="next">
  <span class="carousel-control-next-icon"></span>
</button>
</div>
```

MODAL



```
<!-- Button to Open the Modal -->
<button type="button" class="btn btn-primary" data-bs-toggle="modal" data-bs-target="#Modal">
  Open modal
</button>

<!-- The Modal -->
<div class="modal fade" id="Modal">
  <div class="modal-dialog">
    <div class="modal-content">
      <!-- Modal Header -->
      <div class="modal-header">
        <h4 class="modal-title">John Milton M</h4>
        <button type="button" class="btn-close" data-bs-dismiss="modal"></button>
      </div>
```

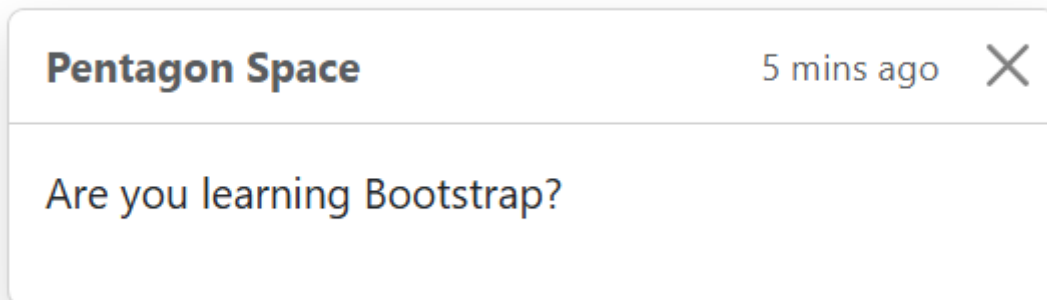


```
<!-- Modal body -->
<div class="modal-body">
    Technical Trainer at Pentagon Space, specializing in web development and
    design. Passionate about teaching and sharing knowledge with others.
</div>

<!-- Modal footer -->
<div class="modal-footer">
    <button type="button" class="btn btn-danger" data-bs-
dismiss="modal">Close</button>
</div>

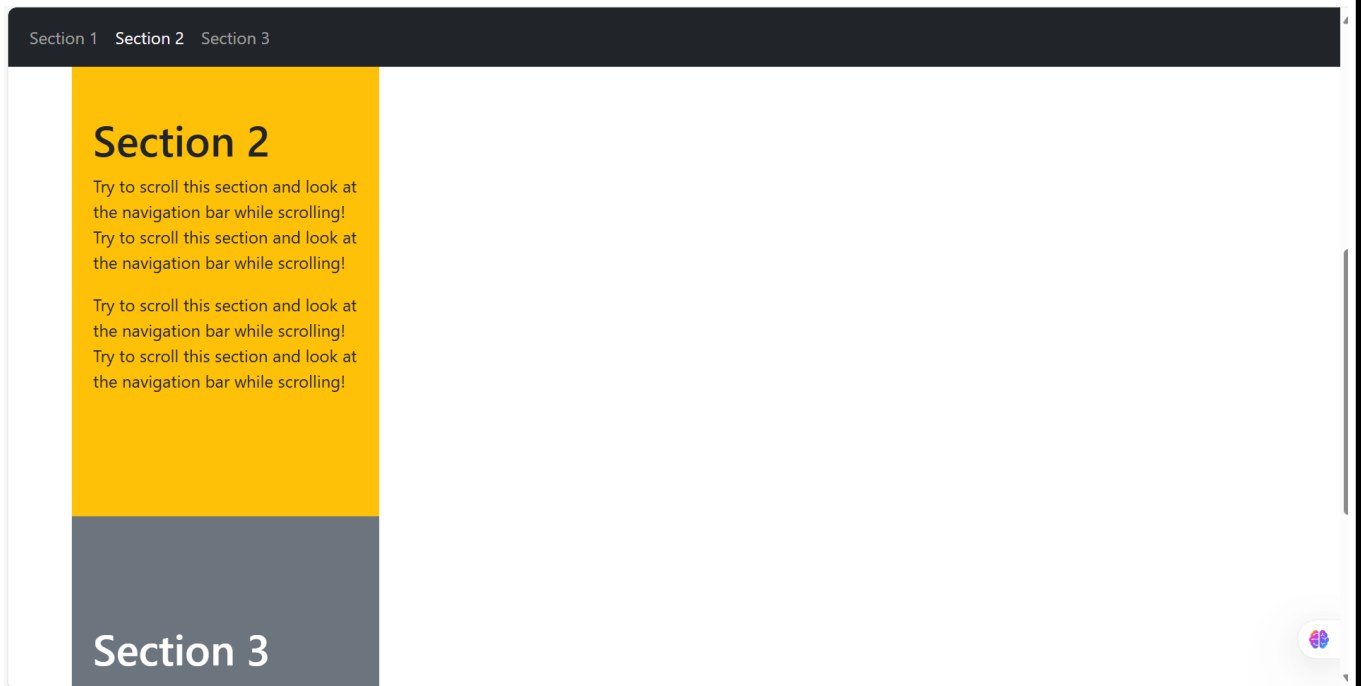
</div>
</div>
</div>
```

TOAST



```
<div class="ms-auto toast show" id="myToast">
  <div class="toast-header">
    <strong class="me-auto">Pentagon Space</strong>
    <small>5 mins ago</small>
    <button type="button" class="btn-close" data-bs-dismiss="toast"></button>
  </div>
  <div class="toast-body">
    <p>Are you learning Bootstrap?</p>
  </div>
</div>
```

SCROLLSPY



```
<div class="container m-5 w-25">

<div data-bs-spy="scroll" data-bs-target=".navbar" data-bs-offset="50">

<nav class="navbar navbar-expand-sm bg-dark navbar-dark fixed-top">
  <div class="container-fluid">
    <ul class="navbar-nav">
      <li class="nav-item">
        <a class="nav-link active" href="#section1">Section 1</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#section2">Section 2</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#section3">Section 3</a>
      </li>
    </ul>
  </div>
</nav>
<div id="section1" class="container-fluid bg-success text-white" style="padding:100px 20px;">
  <h1>Section 1</h1>
  <p>Try to scroll this section and look at the navigation bar while scrolling! Try to scroll this section and look at the navigation bar while scrolling!</p>
  <p>Try to scroll this section and look at the navigation bar while scrolling! Try to scroll this section and look at the navigation bar while scrolling!</p>
</div>
```

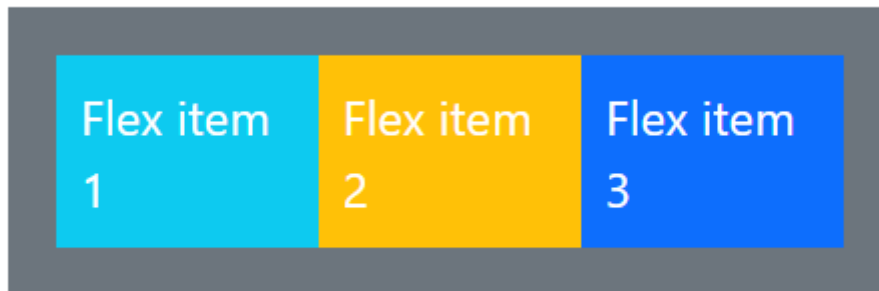
```
<div id="section2" class="container-fluid bg-warning" style="padding:100px 20px;">
  <h1>Section 2</h1>
  <p>Try to scroll this section and look at the navigation bar while scrolling! Try to
scroll this section and look at the navigation bar while scrolling!</p>
  <p>Try to scroll this section and look at the navigation bar while scrolling! Try to
scroll this section and look at the navigation bar while scrolling!</p>
</div>

<div id="section3" class="container-fluid bg-secondary text-white" style="padding:100px
20px;">
  <h1>Section 3</h1>
  <p>Try to scroll this section and look at the navigation bar while scrolling! Try to
scroll this section and look at the navigation bar while scrolling!</p>
  <p>Try to scroll this section and look at the navigation bar while scrolling! Try to
scroll this section and look at the navigation bar while scrolling!</p>
</div>
</div>
</div>
```

SIDEBAR



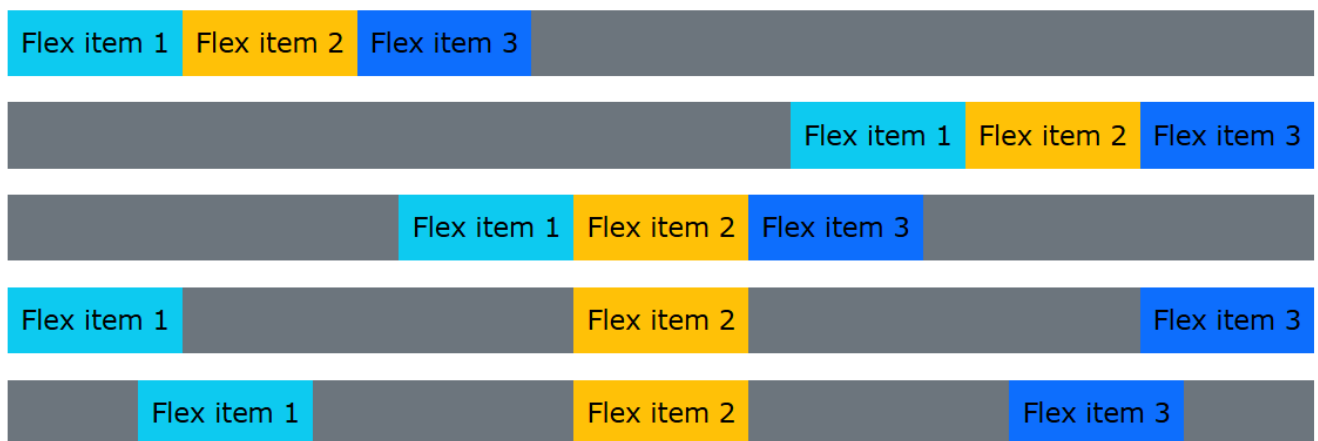
FLEX



```
<div class="d-flex flex-row p-3 bg-secondary text-white">  
  <div class="p-2 bg-info">Flex item 1</div>  
  <div class="p-2 bg-warning">Flex item 2</div>  
  <div class="p-2 bg-primary">Flex item 3</div>  
</div>
```



```
<div class="d-flex flex-column-reverse">  
  <div class="p-2 bg-info">Flex item 1</div>  
  <div class="p-2 bg-warning">Flex item 2</div>  
  <div class="p-2 bg-primary">Flex item 3</div>  
</div>
```



```
<div class="d-flex justify-content-start">...</div>  
<div class="d-flex justify-content-end">...</div>  
<div class="d-flex justify-content-center">...</div>  
<div class="d-flex justify-content-between">...</div>  
<div class="d-flex justify-content-around">...</div>
```

BONUS :

How to Activate Dark theme?

- Add `data-bs-theme="dark"` for any html block to give dark theme
- Add `data-bs-theme="dark"` inside body tag to give dark theme for entire web page