

Assignment - Buttons, Button Groups, Bars and Spinners

Coding is practice... Practice your HTML code + bootstrap CDN Links, with help of following steps, which will give you a clear understanding about Bootstrap Buttons, Button Groups, Bars and Spinners.

Challenge 1: Button and Button Groups.

Steps:

- Open VS code.
- Select New File in the opened folder...
- Save the file in the appropriate folder/ create the folder and save the file with extension.
- Copy and Add the below given HTML code in the file.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet">
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"></s
cript>
</head>
<body>

<div class="container mt-3">
  <h2>Button Styles</h2>
  <button type="button" class="btn">Basic</button>
  <button type="button" class="btn btn-primary">Primary</button>
  <button type="button" class="btn btn-secondary">Secondary</button>
  <button type="button" class="btn btn-success">Success</button>
  <button type="button" class="btn btn-info">Info</button>
  <button type="button" class="btn btn-warning">Warning</button>
  <button type="button" class="btn btn-danger">Danger</button>
  <button type="button" class="btn btn-dark">Dark</button>
  <button type="button" class="btn btn-light">Light</button>
  <button type="button" class="btn btn-link">Link</button>
</div>
<div class="container mt-3">
```

```

<h2>Button Elements</h2>
<a href="#" class="btn btn-success">Link Button</a>
<button type="button" class="btn btn-success">Button</button>
<input type="button" class="btn btn-success" value="Input Button">
<input type="submit" class="btn btn-success" value="Submit Button">
<input type="reset" class="btn btn-success" value="Reset Button">
</div>
<div class="container mt-3">
  <h2>Button Outline</h2>
  <button type="button" class="btn btn-outline-primary">Primary</button>
  <button type="button" class="btn btn-outline-secondary">Secondary</button>
  <button type="button" class="btn btn-outline-success">Success</button>
  <button type="button" class="btn btn-outline-info">Info</button>
  <button type="button" class="btn btn-outline-warning">Warning</button>
  <button type="button" class="btn btn-outline-danger">Danger</button>
  <button type="button" class="btn btn-outline-dark">Dark</button>
  <button type="button" class="btn btn-outline-light text-dark">Light</button>
</div>
<div class="container mt-3">
  <h2>Button Sizes</h2>
  <button type="button" class="btn btn-primary btn-lg">Large</button>
  <button type="button" class="btn btn-primary btn-md">Default</button>
  <button type="button" class="btn btn-primary btn-sm">Small</button>
</div>
<div class="container mt-3">
  <h2>Block Level Buttons</h2>
  <p>To create a block level button that spans the entire width of the parent element,
  use the .d-grid "helper" class on the parent element:</p>
  <div class="d-grid">
    <button type="button" class="btn btn-primary btn-block">Full-Width Button</button>
  </div>
</div>
<div class="container mt-3">
  <h2>Button Group</h2>
  <p>The .btn-group class creates a button group:</p>
  <div class="btn-group">
    <button type="button" class="btn btn-primary">Apple</button>
    <button type="button" class="btn btn-primary">Samsung</button>
    <button type="button" class="btn btn-primary">Sony</button>
  </div>
</div>

```

```
<div class="container mt-3">
  <h2>Vertical Button Group</h2>
  <p>Use the .btn-group-vertical class to create a vertical button group:</p>
  <div class="btn-group-vertical">
    <button type="button" class="btn btn-primary">Apple</button>
    <button type="button" class="btn btn-primary">Samsung</button>
    <button type="button" class="btn btn-primary">Sony</button>
  </div>
</div>
</body>
</html>
```

- View the file in the browser, by right click on the file name in the left pane.
- View of file in browser.

Button Styles

Basic **Primary** Secondary Success Info Warning Danger Dark Light [Link](#)

Button Elements

Link Button Button Input Button Submit Button Reset Button

Button Outline

Primary Secondary Success Info Warning Danger Dark Light

Button Sizes

Large Default Small

Block Level Buttons

To create a block level button that spans the entire width of the parent element, use the .d-grid "helper" class on the parent element:

Full-Width Button

Button Group

The .btn-group class creates a button group:

Apple Samsung Sony

Vertical Button Group

Use the .btn-group-vertical class to create a vertical button group:

Apple
Samsung
Sony

Challenge 2: Progress Bar

Steps:

- Open VS code.
- Select New File in the opened folder...
- Save the file in the appropriate folder/ create the folder and save the file with extension.
- Copy and Add the below given HTML code in the file.

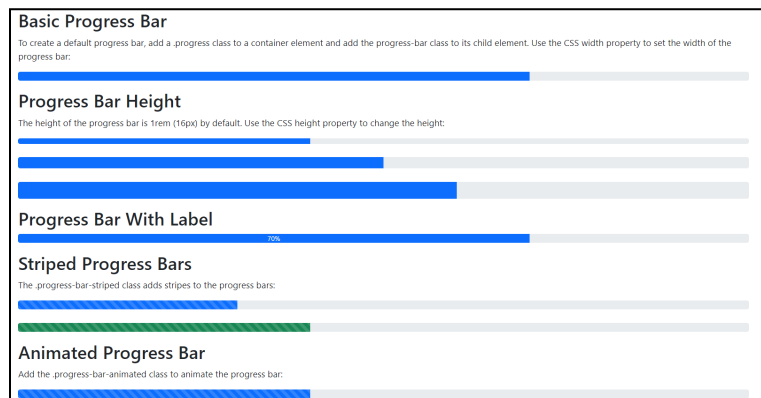
```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1">
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstr
ap.min.css" rel="stylesheet">
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap
.bundle.min.js"></script>
</head>
<body>

<div class="container mt-3">
  <h2>Basic Progress Bar</h2>
  <p>To create a default progress bar, add a .progress class to a
container element and add the progress-bar class to its child
element. Use the CSS width property to set the width of the
progress bar:</p>
  <div class="progress">
    <div class="progress-bar" style="width:70%"></div>
  </div>
</div>
<div class="container mt-3">
  <h2>Progress Bar Height</h2>
  <p>The height of the progress bar is 1rem (16px) by default. Use
the CSS height property to change the height:</p>
  <div class="progress" style="height:10px">
    <div class="progress-bar" style="width:40%;height:10px"></div>
  </div>
  <br>
  <div class="progress" style="height:20px">
    <div class="progress-bar" style="width:50%;height:20px"></div>
  </div>
  <br>
  <div class="progress" style="height:30px">
    <div class="progress-bar" style="width:60%;height:30px"></div>
  </div>
</div>
<div class="container mt-3">
  <h2>Progress Bar With Label</h2>
```

```
<div class="progress">
  <div class="progress-bar" style="width:70%">70%</div>
</div>
</div>
<div class="container mt-3">
  <h2>Striped Progress Bars</h2>
  <p>The .progress-bar-striped class adds stripes to the progress
bars:</p>
  <div class="progress">
    <div class="progress-bar progress-bar-striped"
style="width:30%"></div>
  </div>
  <br>
  <div class="progress">
    <div class="progress-bar bg-success progress-bar-striped"
style="width:40%"></div>
  </div>
</div>
<div class="container mt-3">
  <h2>Animated Progress Bar</h2>
  <p>Add the .progress-bar-animated class to animate the progress
bar:</p>
  <div class="progress">
    <div class="progress-bar progress-bar-striped
progress-bar-animated" style="width:40%"></div>
  </div>
</div>

</body>
</html>
```

- View the file in the browser, by right click on the file name in the left pane.
- View of file in browser.



Challenge 3: Resume Create

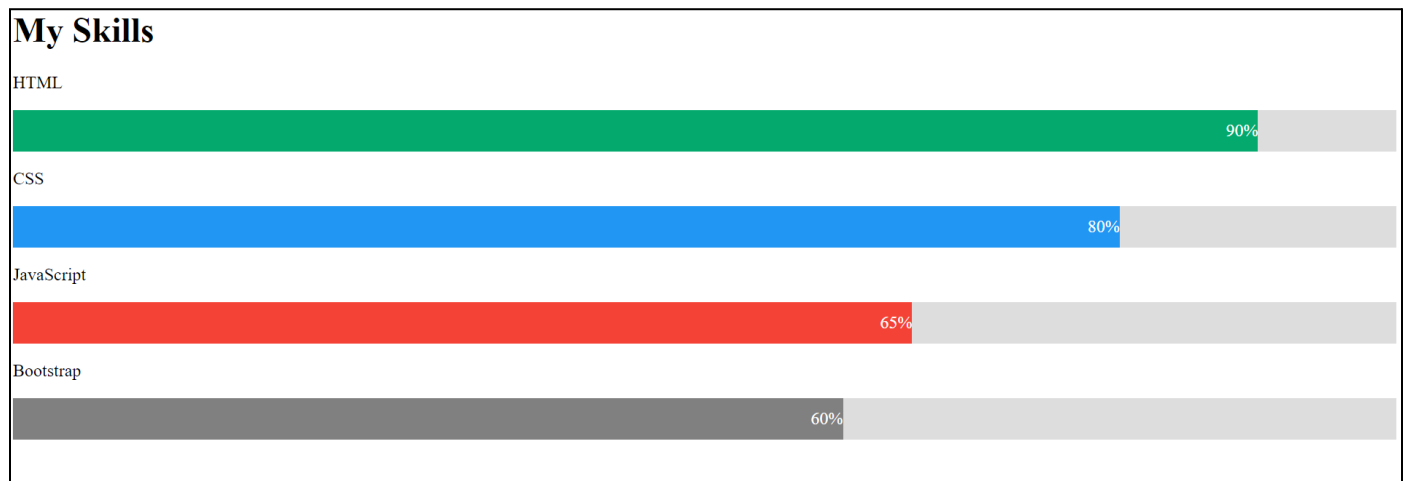
Create a skill bar with your new gained knowledge in Bootstrap. Use progress bars to represent

your expertise in skills.

CDN Links:

- <https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css>
`<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet">`
- <https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js>
`<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"></script>`

Sample output:



Process for Submission

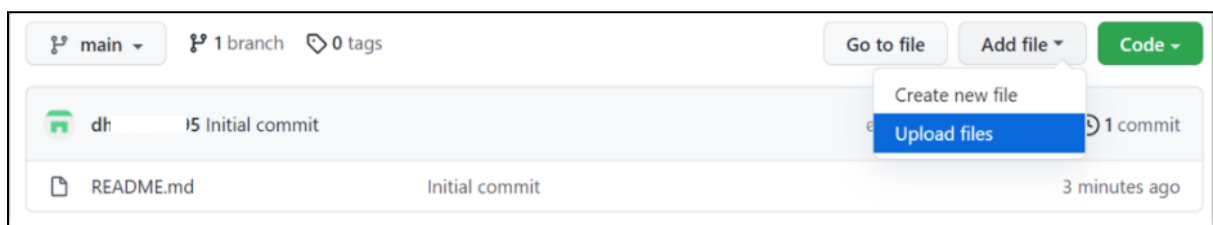
Please upload your assignment files via this [Google Form](#) before the deadline (14th June, 2022 11:59 pm).

Steps to submit the assignment:

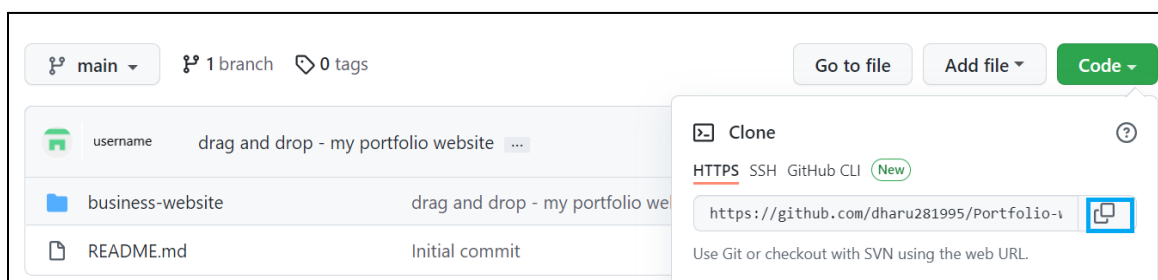
1. Login to your github account.
2. Create a repository(remote) in github.

3. Push your complete project folder to your git repository or you can upload files manually.

```
$ git push -u origin master
```



4. Copy the shareable link.



5. Open the [Google Form](#).
6. Enter your email id, name.
7. Select the name of the assignment.
8. Add your project github link in the form.

Github Link *

Your answer

9. Click on the submit button.

Submit