

MERGOSOFT Pvt Ltd.

Frontend Language:

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1.Html (Hyper Text Markup Language)

HTML stands for Hyper Text Markup Language. It is the standard markup language for creating Web pages. HTML describes the structure of a Web page and consists of a series of elements. HTML elements tell the browser how to display the content and elements label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc.

HTML DOCUMENTS:

All HTML documents must start with a document type declaration: `<!DOCTYPE html>`.

The HTML document itself begins with `<html>` and ends with `</html>`.

The visible part of the HTML document is between `<body>` and `</body>`.

Formating Tags:

`<!Doctype html>` (To discribe version 5)

`<html></html>` (Root element)

`<head></head>` (header part)

`<title></title>` (heading)

`<body></body>` (body of the content)

Rules:

`<tag name></tag name>`

Main Tags;

1) Heading Tag:

`<h1></h1>` (large to small...)

`<h2></h2>`

`<h3></h3>`

`<h4></h4>`

`<h5></h5>`

`<h6></h6>`

2) Paragraph Tag:

`<P></p>`

3) Formating Tag:

 (Bold letter)

<i></i> (Italic)

<small></small> (small letter)

<big></big> (big letter)

 (down letter)

 (up letter)

4) No need closing Tag:

 (Break)

<hr> (horizontal)

 (imgae)

5) Attributes :

<a href> (link)

 (image)

<iframe src=""link"">

6) List:

Order list;

 (list of item)

Unorder list:

Description list;

<dl>

<d></d> (descrption example; IT)

 (full form ; Information Technology)

</dl>

7) Alignment:

Text alignment;

<style="text-align:center">

- ➔ Left
- ➔ Right
- ➔ End
- ➔ Justify

8) Comment Tags:

<!-- --> (use for our view)

9) Quotation Tag;

<q></q> ("tag")

10) Span Tag;

 (line in specific color)

2.CSS (Cascading Style Sheet):

CSS stands for Cascading Style Sheets. CSS describes how HTML elements are to be displayed on screen, paper, or in other media. CSS saves a lot of work. It can control the layout of multiple web pages all at once, external stylesheets are stored in CSS files.

1) 3 Types.

- ➔ Inline – inside line.
- ➔ Internal - <body> inside
- ➔ External – down <head>

2) Tables.

<th></th> (Table heading)

<tr></tr> (Table row)

<td></td> (Table data)

Example;

<table>

<th>name</th>

```

<th>roll no</th>
<th>phone.no</th>
<tr>
<td>Shalini</td>
<td>ES22BM46</td>
<td>9025640792</td>
</table>

```

3) Table border:

External style;

```

<style>
table, th, td {
border: 2px solid black;
border-collapse: collapse ;
text-align: center;
background-color: aqua;
</style>

```

4) Division:

<div></div> (using for apply a styles background , padding margin, separate section)

Example;

```
<div style = "height: 100px; border: 1px soild red ;width:50%; float:left; ></div>
```

- ➔ Float: left; (Division left side direction)
- ➔ Width:50%; (Division width)
- ➔ Padding: 10px; (Edge to content adjust to create padding tag)
 - 1.Padding-left: 5px; (Edge to content adjust left side)
 - 2.Padding – right: 5px; (Edge to content adjust right side)
 - 3.Padding – top: 5px; (Edge to content adjust top)
 - 4.Padding – bottom: 5px; (Edge to content adjust bottom)
- ➔ Margin: 2px; (Margin of box or division)
- ➔ Background color: white; (Background color tag)

Example;

```

<div style="height: 500px;border: 1px ;float: left;width: 40%;margin: 50px;padding-left:
50px;width="100%" height="500px"></div>

```

3.BOOTSTRAP 5

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

Bootstrap describe link:

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">
```

```
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>
```

(Inside for header part (<head></head>))

1) Container Tag:

```
<div class="container"> (create a container.)
```

```
<div class="container-fluid"> (full page filled container.)
```

```
<div class="container pt-5"></div> (Container padding.)
```

```
<div class="container p-5 my-5 border"></div> (Container border)
```

```
<div class="container p-5 my-5 bg-dark text-white"></div> (Container border background(bg) color)
```

```
<div class="container p-5 my-5 bg-primary text-white"></div> (Container bg color.)
```

```
<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>
```

Class	Extra small<576px	Small ≥ 576px	Medium ≥768px	Large ≥992px	Extra large ≥1200px	XXL ≥1400px
.container-sm	100%	540px	720px	960px	1140px	1320px
.container-md	100%	100%	720px	960px	1140px	1320px

.container-lg	100%	100%	100%	960px	1140px	1320px
.container-xl	100%	100%	100%	100%	1140px	1320px
.container-xxl	100%	100%	100%	100%	100%	1320px

2) Grid Classes:

.col- (extra small devices - screen width less than 576px)

.col-sm- (small devices - screen width equal to or greater than 576px)

.col-md- (medium devices - screen width equal to or greater than 768px)

.col-lg- (large devices - screen width equal to or greater than 992px)

.col-xl- (xlarge devices - screen width equal to or greater than 1200px)

.col-xxl- (xxlarge devices - screen width equal to or greater than 1400px)

Example:

```
<div class="container-fluid mt-3">
```

```
<div class="row">
```

```
<div class="col p-3 bg-primary text-white">.col</div>
```

```
<div class="col p-3 bg-dark text-white">.col</div>
```

```
<div class="col p-3 bg-primary text-white">.col</div>
```

```
</div>
```

```
</div>
```

1. Three Equal Columns:

```
<div class="row">
```

```
<div class="col">.col</div>
```

```
<div class="col">.col</div>
```

```
<div class="col">.col</div>
```

```
</div>
```

2. Two Unequal Responsive Columns:

```
<div class="row">
```

```
<div class="col-sm-4">.col-sm-4</div> (4 – colum size)
```

```
<div class="col-sm-8">.col-sm-8</div> (8 – colum size)
```

```
</div>
```

3) Text Colors:

(specific color tags)

```
<div class="text-muted"></div>
```

```
<div class="text-primary"></div>
```

```
<div class="text-success"></div>
```

```
<div class="text-info"></div>
```

```
<div class="text-warning"></div>
```

```
<div class="text-danger"></div>
```

```
<div class="text- Secondary"></div>
```

```
<div class="text-white"></div>
```

```
<div class="text-dark"></div>
```

```
<div class="text-body"></div>
```

```
<div class="text-light"></div>
```

4) Background Colors:

```
<div class="bg-primary "></div>
```

```
<div class="bg-success "></div>
```

```
<div class="bg-info "></div>
```

```
<div class="bg-warning "></div>
```

```
<div class="bg-danger "></div>
```



```
<div class="bg-secondary "></div>
```

```
<div class="bg-dark "></div>
```

```
<div class="bg-light "></div>
```

5) Tables:

1.Basic Table;

```
<table class="table">
```

```
<thead>
```

```
<tr>
```

```
<th>Firstname</th>
```

```
<th>Lastname</th>
```

```
<th>Email</th>
```

```
</tr>
```

```
</thead>
```

```
<tbody>
```

```
<tr>
```

```
<td>John</td>
```

```
<td>Doe</td>
```

```
<td>john@example.com</td>
```

```
</tr>
```

```
<tr>
```

```
<td>Mary</td>
```

```
<td>Moe</td>
```

```
<td>mary@example.com</td>
```

```
</tr>
```

```
<tr>
```

```
<td>July</td>
```

```
<td>Dooley</td>
```

```
<td>july@example.com</td>
```

```
</tr>
```

```
</tbody>
```

```
</table>
```

```
</div>
```

2.Striped Rows:

.table-striped (the class adds zebra-stripes ta a table)

Bordered Table:

.table-bordered (the class adds borders on all sides of the table and cells.)

3.Hover Rows:

.table-hover (class adds a hover effect (grey background color) on table rows.)

4.Black/Dark Table:

.table-dark (class adds a black background to the table.)

5.Dark Striped Table:

.table-dark .table-striped (create a dark, striped table.)

6.Hoverable Dark Table

.table-hover (class adds a hover effect (grey background color) on table rows:

7.Borderless Table:

.table-borderless (class removes borders from the table.)

8.Contextual Classes:

```
<table class="table">
```

```
<thead>
```

```
<tr>
```

```
<th>Firstname</th>
```

```
<th>Lastname</th>
```

```
<th>Email</th>
```

```
</tr>
```

```
</thead>

<tbody>

<tr>

<td>Default</td>

<td>Defaultson</td>

<td>def@somemail.com</td>

</tr>

<tr class="table-primary">

<td>Primary</td>

<td>Joe</td>

<td>joe@example.com</td>

</tr>

<tr class="table-success">

<td>Success</td>

<td>Doe</td>

<td>john@example.com</td>

</tr>

<tr class="table-danger">

<td>Danger</td>

<td>Moe</td>

<td>mary@example.com</td>

</tr>

<tr class="table-info">

<td>Info</td>

<td>Dooley</td>

<td>july@example.com</td>

</tr>
```

```

<tr class="table-warning">
  <td>Warning</td>
  <td>Refs</td>
  <td>bo@example.com</td>
</tr>

<tr class="table-active">
  <td>Active</td>
  <td>Activeson</td>
  <td>act@example.com</td>
</tr>

<tr class="table-secondary">
  <td>Secondary</td>
  <td>Secondson</td>
  <td>sec@example.com</td>
</tr>

<tr class="table-light">
  <td>Light</td>
  <td>Angie</td>
  <td>angie@example.com</td>
</tr>

<tr class="table-dark">
  <td>Dark</td>
  <td>Bo</td>
  <td>bo@example.com</td>
</tr>
</tbody>
</table>

```

</div>

6) Image Shapes:

1. Rounded corners;

.rounded (class adds rounded corners to an image.)

```

```

2. Circle:

.rounded-circle (class shapes the image to a circle.)

```

```

3. Thumbnail;

.img-thumbnail (class shapes the image to a thumbnail (bordered.)

```

```

4. Aligning Images:

.float-start (image to the left)

.float-end (image to the right width)

```

```

```

```

5. Centered Image:

.mx-auto (margin auto)

.d-block (display: block)

```

```

6. Responsive Images:

```

```

The .img-fluid class applies max-width: 100%; and height: auto; to the image:

7) Alerts:

Bootstrap 5 provides an easy way to create predefined alert message:

Examples;

```
<div class="container mt-3">
```

<h2>Alerts</h2>

<p>Alerts are created with the .alert class, followed by a contextual color classes:</p>

<div class="alert alert-success">

Success! This alert box could indicate a successful or positive action.

</div>

<div class="alert alert-info">

Info! This alert box could indicate a neutral informative change or action.

</div>

<div class="alert alert-warning">

Warning! This alert box could indicate a warning that might need attention.

</div>

<div class="alert alert-danger">

Danger! This alert box could indicate a dangerous or potentially negative action.

</div>

<div class="alert alert-primary">

Primary! Indicates an important action.

</div>

<div class="alert alert-secondary">

Secondary! Indicates a slightly less important action.

</div>

<div class="alert alert-dark">

Dark! Dark grey alert.

</div>

<div class="alert alert-light">

Light! Light grey alert.

</div>

</div>

1.Alert Links;

Add the .alert-link class to any links inside the alert box to create “matching colored links”:

```
<div class="container mt-3">
```

```
<h2>Alert Links</h2>
```

```
<p>Add the alert-link class to any links inside the alert box to create "matching colored links".</p>
```

```
<div class="alert alert-success">
```

```
<strong>Success!</strong> You should <a href="#" class="alert-link">read this message</a>.
```

```
</div>
```

```
<div class="alert alert-info">
```

```
<strong>Info!</strong> You should <a href="#" class="alert-link">read this message</a>.
```

```
</div>
```

```
<div class="alert alert-warning">
```

```
<strong>Warning!</strong> You should <a href="#" class="alert-link">read this message</a>.
```

```
</div>
```

```
<div class="alert alert-danger">
```

```
<strong>Danger!</strong> You should <a href="#" class="alert-link">read this message</a>.
```

```
</div>
```

```
<div class="alert alert-primary">
```

```
<strong>Primary!</strong> You should <a href="#" class="alert-link">read this message</a>.
```

```
</div>
```

```
<div class="alert alert-secondary">
```

```
<strong>Secondary!</strong> You should <a href="#" class="alert-link">read this message</a>.
```

```
</div>
```

```
<div class="alert alert-dark">
```

```
<strong>Dark!</strong> You should <a href="#" class="alert-link">read this message</a>.
```

```
</div>
```

```
<div class="alert alert-light">
```

```
<strong>Light!</strong> You should <a href="#" class="alert-link">read this message</a>.
```

```
</div>
```

```
</div>
```

2. Closing Alerts:

To close the alert message, add a `.alert-dismissible` class to the alert container. Then add `class="btn-close"` and `data-bs-dismiss="alert"` to a link or a button element (when you click on this the alert box will disappear).

```
<div class="alert alert-success alert-dismissible">
```

```
<button type="button" class="btn-close" data-bs-dismiss="alert"></button>
```

```
<strong>Success!</strong> This alert box could indicate a successful or positive action.
```

```
</div>
```

8) Button Styles:

Bootstrap 5 provides different styles of buttons:

```
<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>
```

The button classes can be used on `<a>`, `<button>`, or `<input>` elements:

Example;

```
<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">
```

1.Button Outline:

```
<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>
```

2.Button Size;

Use the .btn-lg class for large buttons or .btn-sm class for small buttons:

Example:

```
<button type="button" class="btn btn-primary btn-lg">Large</button>
```

```
<button type="button" class="btn btn-primary">Default</button>
```

```
<button type="button" class="btn btn-primary btn-sm">Small</button>
```

3.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:

Example;

```
<div class="d-grid">
```

```
<button type="button" class="btn btn-primary btn-block">Full-Width Button</button>
```

```
</div>
```

If you have many block-level buttons, you can control the space between them with the .gap-* class:

```

<div class="d-grid gap-3">

<button type="button" class="btn btn-primary btn-block">Full-Width Button</button>

<button type="button" class="btn btn-primary btn-block">Full-Width Button</button>

<button type="button" class="btn btn-primary btn-block">Full-Width Button</button>

</div>

```

4.Active/Disabled Buttons

The class `.active` makes a button appear pressed, and the `disabled` attribute makes a button unclickable. Note that `<a>` elements do not support the `disabled` attribute and must therefore use the `.disabled` class to make it visually appear disabled.

Example;

```

<button type="button" class="btn btn-primary active">Active Primary</button>

<button type="button" class="btn btn-primary" disabled>Disabled Primary</button>

<a href="#" class="btn btn-primary disabled">Disabled Link</a>

```

5.Spinner Buttons:

```

<button class="btn btn-primary">

<span class="spinner-border spinner-border-sm"></span>

</button>

<button class="btn btn-primary">

<span class="spinner-border spinner-border-sm"></span>

```

Loading..

```

</button>

<button class="btn btn-primary" disabled>

<span class="spinner-border spinner-border-sm"></span>

```

Loading..

```

</button>

<button class="btn btn-primary" disabled>

<span class="spinner-grow spinner-grow-sm"></span>

```

Loading..

```
</button>
```

9) Button Groups:

Bootstrap 5 allows you to group a series of buttons together (on a single line) in a button group:

Use a `<div>` element with class `.btn-group` to create a button group:

Example;

```
<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>
```

1.Vertical Button Groups:

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

```
<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>
```

2.Button Groups Side by Side:

Button groups are "inline" by default, which makes them appear side by side when you have multiple groups:

Example;

```
<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 class="btn-group">

<button type="button" class="btn btn-primary">BMW</button>

<button type="button" class="btn btn-primary">Mercedes</button>

<button type="button" class="btn btn-primary">Volvo</button>

</div>

```

3.Nesting Button Groups & Dropdown Menus:

Nest button groups to create dropdown menus (you will learn more about dropdowns in a later chapter):

Example;

```

<div class="btn-group">

<button type="button" class="btn btn-primary">Apple</button>

<button type="button" class="btn btn-primary">Samsung</button>

<div class="btn-group">

<button type="button" class="btn btn-primary dropdown-toggle" data-bs-
toggle="dropdown">Sony</button>

<div class="dropdown-menu">

<a class="dropdown-item" href="#">Tablet</a>

<a class="dropdown-item" href="#">Smartphone</a></div>

</div>

</div>

```

10) Badges:

Badges are used to add additional information to any content:

Use the .badge class together with a contextual class (like .bg-secondary) within elements to create rectangular badges. Note that badges scale to match the size of the parent element (if any):

Example;

```

h1>Example heading <span class="badge bg-secondary">New</span></h1>

<h2>Example heading <span class="badge bg-secondary">New</span></h2>

```

<h3>Example heading New</h3>

<h4>Example heading New</h4>

<h5>Example heading New</h5>

<h6>Example heading New</h6>

1. Contextual Badges

Use any of the contextual classes (.bg-*) to change the color of a badge:

Example;

Primary

Secondary

Success

Danger

Warning

Info

Light

Dark

2. Pill Badges

Use the .rounded-pill class to make the badges more round:

Example;

Primary

Secondary

Success

Danger

Warning

Info

Light

Dark

3. Badge inside an Element

```
<button type="button" class="btn btn-primary">
  Messages <span class="badge bg-danger">4</span>
</button>
```

11) Progress Bars:

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:

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

1.progress Bar Height:

The height of the progress bar is 1rem (usually 16px) by default. Use the CSS height property to change it:

```
<div class="progress" style="height:20px">
  <div class="progress-bar" style="width:40%;"></div>
</div>
```

2. Progress Bar Labels:

Add text inside the progress bar to show the visible percentage:

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

3.Colored progress Bars:

By default, the progress bar is blue (primary). Use any of the contextual background classes to change its color:

```
<!-- Blue -->
<div class="progress">
```

```
<div class="progress-bar" style="width:10%"></div>

</div>

<!-- Green -->

<div class="progress">

<div class="progress-bar bg-success" style="width:20%"></div>

</div>

<!-- Turquoise -->

<div class="progress">

<div class="progress-bar bg-info" style="width:30%"></div>

</div>

<!-- Orange -->

<div class="progress">

<div class="progress-bar bg-warning" style="width:40%"></div>

</div>

<!-- Red -->

<div class="progress">

<div class="progress-bar bg-danger" style="width:50%"></div>

</div>

<!-- White -->

<div class="progress border">

<div class="progress-bar bg-white" style="width:60%"></div>

</div>

<!-- Grey -->

<div class="progress">

<div class="progress-bar bg-secondary" style="width:70%"></div>

</div>
```

<!-- Light Grey -->

<div class="progress border">

<div class="progress-bar bg-light" style="width:80%"></div>

</div>

<!-- Dark Grey -->

<div class="progress">

<div class="progress-bar bg-dark" style="width:90%"></div>

</div>

4.Striped Progress Bar:

Use the .progress-bar-striped class to add stripes to the progress bars:

<div class="progress">

<div class="progress-bar progress-bar-striped" style="width:40%"></div>

</div>.

5.Animated Progress Bar:

Add the .progress-bar-animated class to animate the progress bar:

<div class="progress-bar progress-bar-striped progress-bar-animated" style="width:40%"></div>

6.Multiple Progress Bar:

<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>

12) Spinners:

To create a spinner/loader, use the .spinner-border class:

<div class="spinner-border"></div>

1.Colored Spinners:

Use any text color utilites to add a color to the spinner:

<div class="spinner-border text-muted"></div>

<div class="spinner-border text-primary"></div>

<div class="spinner-border text-success"></div>

<div class="spinner-border text-info"></div>

<div class="spinner-border text-warning"></div>

<div class="spinner-border text-danger"></div>

<div class="spinner-border text-secondary"></div>

<div class="spinner-border text-dark"></div>

<div class="spinner-border text-light"></div>

2.Growing Spinners;

Use the .spinner-grow class if you want the spinner/loader to grow instead of "spin":

<div class="spinner-grow text-muted"></div>

<div class="spinner-grow text-primary"></div>

<div class="spinner-grow text-success"></div>

<div class="spinner-grow text-info"></div>

<div class="spinner-grow text-warning"></div>

<div class="spinner-grow text-danger"></div>

<div class="spinner-grow text-secondary"></div>

<div class="spinner-grow text-dark"></div>

<div class="spinner-grow text-light"></div>

3.Spinner Size;

Use .spinner-border-sm or .spinner-grow-sm to create a smaller spinner:

```
<div class="spinner-border spinner-border-sm"></div>
```

```
<div class="spinner-grow spinner-grow-sm"></div>
```

4.Spinner Buttons;

```
<button class="btn btn-primary">
```

```
<span class="spinner-border spinner-border-sm"></span>
```

```
</button>
```

```
<button class="btn btn-primary">
```

```
<span class="spinner-border spinner-border-sm"></span>
```

Loading..

```
</button>
```

```
<button class="btn btn-primary" disabled>
```

```
<span class="spinner-border spinner-border-sm"></span>
```

Loading..

```
</button>
```

```
<button class="btn btn-primary" disabled>
```

```
<span class="spinner-grow spinner-grow-sm"></span>
```

Loading..

```
</button>
```

13) Pagination:

To create a basic pagination, add the .pagination class to an element. Then add the .page-item to each element and a .page-link class to each link inside :

Example;

```
<ul class="pagination">
```

```
<li class="page-item"><a class="page-link" href="#">Previous</a></li>
```

```
<li class="page-item"><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>

```

1.Active State;

The .active class is used to "highlight" the current page:

Example;

```

<ul class="pagination">

<li class="page-item"><a class="page-link" href="#">Previous</a></li>

<li class="page-item"><a class="page-link" href="#">1</a></li>

<li class="page-item active"><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>

```

2.Disable State;

The .disabled class is used for un-clickable links:

Example;

```

<ul class="pagination">

<li class="page-item disabled"><a class="page-link" href="#">Previous</a></li>

<li class="page-item"><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>

```

3. Pagination Sizing

Pagination blocks can also be sized to a larger or a smaller size:

Add class .pagination-lg for larger blocks or .pagination-sm for smaller blocks:

Example;

```
<ul class="pagination pagination-lg">

<li class="page-item"><a class="page-link" href="#">Previous</a></li>

<li class="page-item"><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>
```

```
<ul class="pagination pagination-sm">

<li class="page-item"><a class="page-link" href="#">Previous</a></li>

<li class="page-item"><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>
```

4.Pagination Alignment:

<!-- Default (left-aligned) -->

```
<ul class="pagination" style="margin:20px 0">

<li class="page-item">...</li>

</ul>
```

<!-- Center-aligned -->

```
<ul class="pagination justify-content-center" style="margin:20px 0">

<li class="page-item">...</li>

</ul>
```

<!-- Right-aligned -->

```
<ul class="pagination justify-content-end" style="margin:20px 0">
<li class="page-item">...</li>
</ul>
```

5.Breadcrumbs:

The .breadcrumb and .breadcrumb-item classes indicates the current page's location within a navigational hierarchy:

```
<ul class="breadcrumb">
<li class="breadcrumb-item"><a href="#">Photos</a></li>
<li class="breadcrumb-item"><a href="#">Summer 2017</a></li>
<li class="breadcrumb-item"><a href="#">Italy</a></li>
<li class="breadcrumb-item active">Rome</li>
</ul>
```

14) List of groups:

To create a basic list group, use an element with class .list-group, and elements with class .list-group-item:

```
<ul class="list-group">
<li class="list-group-item">First item</li>
<li class="list-group-item">Second item</li>
<li class="list-group-item">Third item</li>
</ul>
```

1.Active State;

Use the .active class to highlight the current item:

```
<ul class="list-group">
<li class="list-group-item active">Active item</li>
<li class="list-group-item">Second item</li>
<li class="list-group-item">Third item</li>
</ul>
```

2. List group with linked items;

To create a list group with linked items, use `<div>` instead of `` and `<a>` instead of ``.

Optionally, add the `.list-group-item-action` class if you want a grey background color on hover:

```
<div class="list-group">  
  
<a href="#" class="list-group-item list-group-item-action">First item</a>  
  
<a href="#" class="list-group-item list-group-item-action">Second item</a>  
  
<a href="#" class="list-group-item list-group-item-action">Third item</a>  
  
</div>
```

3. Disabled item;

The `.disabled` class adds a lighter text color to the disabled item. And when used on links, it will remove the hover effect:

Example;

```
<div class="list-group">  
  
<a href="#" class="list-group-item disabled">Disabled item</a>  
  
<a href="#" class="list-group-item disabled">Disabled item</a>  
  
<a href="#" class="list-group-item">Third item</a>  
  
</div>
```

4. Flush / Remove Borders;

Use the `.list-group-flush` class to remove some borders and rounded corners:

Example;

```
<ul class="list-group list-group-flush">  
  
<li class="list-group-item">First item</li>  
  
<li class="list-group-item">Second item</li>  
  
<li class="list-group-item">Third item</li>  
  
<li class="list-group-item">Fourth item</li>  
  
</ul>
```

1. Numbered List Groups

Use the .list-group-numbered class to create list items with numbers in front of them:

Example;

```
<ol class="list-group list-group-numbered">
<li class="list-group-item">First item</li>
<li class="list-group-item">Second item</li>
<li class="list-group-item">Third item</li>
</ol>
```

2.Horizontal List Groups

If you want the list items to display horizontally instead of vertically (side by side instead of on top of each other), add the .list-group-horizontal class to .list-group:

Example;

```
<ul class="list-group list-group-horizontal">
<li class="list-group-item">First item</li>
<li class="list-group-item">Second item</li>
<li class="list-group-item">Third item</li>
<li class="list-group-item">Fourth item</li>
</ul>
```

15) Cards

A basic card is created with the .card class, and content inside the card has a .card-body class:

Example;

```
<div class="card">
<div class="card-body">Basic card</div>
</div>
```

1.Contextual Cards

To add a background color to the card, use contextual classes (.bg-primary, .bg-success, .bg-info, .bg-warning, .bg-danger, .bg-secondary, .bg-dark and .bg-light).

Use `.card-title` to add card titles to any heading element. The `.card-text` class is used to remove bottom margins for a `<p>` element if it is the last child (or the only one) inside `.card-body`. The `.card-link` class adds a blue color to any link, and a hover effect.

```
<div class="card">

<div class="card-body">

<h4 class="card-title">Card title</h4>

<p class="card-text">Some example text. Some example text.</p>

<a href="#" class="card-link">Card link</a>

<a href="#" class="card-link">Another link</a>

</div>

</div>
```

2.Card image;

Add `.card-img-top` or `.card-img-bottom` to an `` to place the image at the top or at the bottom inside the card. Note that we have added the image outside of the `.card-body` to span the entire width:

```
<div class="card" style="width:400px">



<div class="card-body">

<h4 class="card-title">John Doe</h4>

<p class="card-text">Some example text.</p>

<a href="#" class="btn btn-primary">See Profile</a>

</div>

</div>
```

3.Card Image Overlays;

Turn an image into a card background and use `.card-img-overlay` to add text on top of the image:

Example;

```
<div class="card" style="width:500px">


```



```

<div class="card-img-overlay">

<h4 class="card-title">John Doe</h4>

<p class="card-text">Some example text.</p>

<a href="#" class="btn btn-primary">See Profile</a>

</div>

</div>

```

16) Dropdowns:

```

<div class="dropdown">

<button type="button" class="btn btn-primary dropdown-toggle" data-bs-toggle="dropdown">

Dropdown button

</button>

<ul class="dropdown-menu">

<li><a class="dropdown-item" href="#">Link 1</a></li>

<li><a class="dropdown-item" href="#">Link 2</a></li>

<li><a class="dropdown-item" href="#">Link 3</a></li>

</ul>

</div>

```

1. Dropdown Divider

The `.dropdown-divider` class is used to separate links inside the dropdown menu with a thin horizontal border:

```

<li><hr class="dropdown-divider"></hr></li>

```

2. Dropdown Header

The `.dropdown-header` class is used to add headers inside the dropdown menu:

Example;

```

<li><h5 class="dropdown-header">Dropdown header 1</h5></li>

```

3. Disable and Active items

Highlight a specific dropdown item with the `.active` class (adds a blue background color).

To disable an item in the dropdown menu, use the `.disabled` class (gets a light-grey text color and a "no-parking-sign" icon on hover):

Example;

```
<li><a class="dropdown-item" href="#">Normal</a></li>
<li><a class="dropdown-item active" href="#">Active</a></li>
<li><a class="dropdown-item disabled" href="#">Disabled</a></li>
```

4. Dropdown Position

You can also create a "dropend" or "dropstart" menu, by adding the `.dropend` or `.dropstart` class to the dropdown element. Note that the caret/arrow is added automatically:

Dropright;

```
<div class="dropdown dropend">
```

Dropleft;

```
<div class="dropdown dropstart">
```

5. Dropdown Menu Right

To right-align the dropdown menu, add the `.dropdown-menu-end` class to the element with `.dropdown-menu`:

Example;

```
<div class="dropdown-menu dropdown-menu-end">
```

6. Dropup

If you want the dropdown menu to expand upwards instead of downwards, change the `<div>` element with `class="dropdown"` to `"dropup"`:

Example;

```
<div class="dropup">
```

7. Dropdown Text

The `.dropdown-item-text` class is used to add plain text to a dropdown item, or used on links for default link styling.

Example;

```

<ul class="dropdown-menu">
<li><a class="dropdown-item" href="#">Link 1</a></li>
<li><a class="dropdown-item" href="#">Link 2</a></li>
<li><a class="dropdown-item" href="#">Link 3</a></li>
<li><a class="dropdown-item-text" href="#">Text Link</a></li>
<li><span class="dropdown-item-text">Just Text</span></li>
</ul>

```

8.Grouped Buttons with a Dropdown

Example;

```

<div class="btn-group">
<button type="button" class="btn btn-primary">Apple</button>
<button type="button" class="btn btn-primary">Samsung</button>
<div class="btn-group">
<button type="button" class="btn btn-primary dropdown-toggle" data-bs-
toggle="dropdown">Sony</button>
<ul class="dropdown-menu">
<li><a class="dropdown-item" href="#">Tablet</a></li>
<li><a class="dropdown-item" href="#">Smartphone</a></li>
</ul>
</div>
</div>

```

9.Vertical Button Group w/ Dropdown

Example;

```

<div class="btn-group-vertical">
<button type="button" class="btn btn-primary">Apple</button>
<button type="button" class="btn btn-primary">Samsung</button>
<div class="btn-group">

```

```

<button type="button" class="btn btn-primary dropdown-toggle" data-bs-
toggle="dropdown">Sony</button>

<ul class="dropdown-menu">

<li><a class="dropdown-item" href="#">Tablet</a></li>

<li><a class="dropdown-item" href="#">Smartphone</a></li>

</ul>

</div>

</div>

```

17) Collapsible:

Collapsible are useful when you want to hide and show large amount of content:

```

<button data-bs-toggle="collapse" data-bs-target="#demo">Collapsible</button>

<div id="demo" class="collapse">

Lorem ipsum dolor text....

</div>

```

18) Nav

1.Nav menus;

If you want to create a simple horizontal menu, add the .nav class to a element, followed by .nav-item for each and add the .nav-link class to their links:

Example;

```

<ul class="nav">

<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" href="#">Link</a>

</li>

<li class="nav-item">

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

</li>

</ul>

```

2. Aligned Nav;

Add the `.justify-content-center` class to center the nav, and the `.justify-content-end` class to right-align the nav.

```

<!-- Centered nav -->

<ul class="nav justify-content-center">

<!-- Right-aligned nav -->

<ul class="nav justify-content-end">

```

3. Vertical Nav;

Add the `.flex-column` class to create a vertical nav:

Example;

```

<ul class="nav flex-column">

```

4. Pills;

Turn the nav menu into navigation pills with the `.nav-pills` class. If you want the pills to be toggable, see the last example on this page.

Example;

```

<ul class="nav nav-pills">

<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>
```

5. Justified Tabs/pills;

Justify the tabs/pills with the .nav-justified class (equal width):

```
<ul class="nav nav-pills nav-justified">..<</ul>
```

```
<ul class="nav nav-tabs nav-justified">..<</ul>
```

6. Pills with Dropdown;

```
<ul class="nav nav-pills">
```

```
<li class="nav-item">
```

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

```
</li>
```

```
<li class="nav-item dropdown">
```

```
<a class="nav-link dropdown-toggle" data-bs-toggle="dropdown" href="#">Dropdown</a>
```

```
<ul class="dropdown-menu">
```

```
<li><a class="dropdown-item" href="#">Link 1</a></li>
```

```
<li><a class="dropdown-item" href="#">Link 2</a></li>
```

```
<li><a class="dropdown-item" href="#">Link 3</a></li>
```

```
</ul>
```

```
</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>

```

7. Tabs with Dropdown;

```

<ul class="nav nav-tabs">

<li class="nav-item">

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

</li>

<li class="nav-item dropdown">

<a class="nav-link dropdown-toggle" data-bs-toggle="dropdown" href="#">Dropdown</a>

<ul class="dropdown-menu">

<li><a class="dropdown-item" href="#">Link 1</a></li>

<li><a class="dropdown-item" href="#">Link 2</a></li>

<li><a class="dropdown-item" href="#">Link 3</a></li>

</ul>

</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>

```

19) Navigation Bar:

To add links inside the navbar, use either an `` element (or a `<div>`) with `class="navbar-nav"`.

Then add `` elements with a `.nav-item` class followed by an `<a>` element with a `.nav-link` class:

```
<!-- A grey horizontal navbar that becomes vertical on small screens -->
```

```
<nav class="navbar navbar-expand-sm bg-light">
```

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

```
<!-- Links -->
```

```
<ul class="navbar-nav">
```

```
<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>
```

```
</nav>
```

1. Vertical Navbar;

Remove the `.navbar-expand-*` class to create a navigation bar that will always be vertical:

```
<!-- A grey vertical navbar -->
```

```
<nav class="navbar bg-light"></nav>
```

2. Centered Navbar;

Add the `.justify-content-center` class to center the navigation bar:


```
<nav class="navbar navbar-expand-sm bg-light justify-content-center">
```

```
...
```

```
</nav>
```

3.Colored Navbar;

Use any of the .bg-color classes to change the background color of the navbar (.bg-primary, .bg-success, .bg-info, .bg-warning, .bg-danger, .bg-secondary, .bg-dark and .bg-light).

```
<!-- Grey with black text -->
```

```
<nav class="navbar navbar-expand-sm bg-light navbar-light">
```

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

```
<ul class="navbar-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>
```

```
</div>
```

```
</nav>
```

```
<!-- Black background with white text -->
```

```
<nav class="navbar navbar-expand-sm bg-dark navbar-dark">...</nav>
```

```
<!-- Blue background with white text -->
```

```
<nav class="navbar navbar-expand-sm bg-primary navbar-dark">...</nav>
```

4.Brand / logo;

The .navbar-brand class is used to highlight the brand/logo/project name of your page:

```
<nav class="navbar navbar-expand-sm bg-dark navbar-dark">
```

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

```
<a class="navbar-brand" href="#">Logo</a>
```

```
</div>
```

```
</nav>
```

5.Navbar Text;

Use the .navbar-text class to vertical align any elements inside the navbar that are not links (ensures proper padding and text color).

```
<nav class="navbar navbar-expand-sm bg-dark navbar-dark">
```

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

```
<span class="navbar-text">Navbar text</span>
```

```
</div>
```

```
</nav>
```

6.Navbar with dropdown;

```
<li class="nav-item dropdown">
```

```
<a class="nav-link dropdown-toggle" href="#" role="button" data-bs-  
toggle="dropdown">Dropdown</a>
```

```
<ul class="dropdown-menu">
```

```
<li><a class="dropdown-item" href="#">Link</a></li>
```

```
<li><a class="dropdown-item" href="#">Another link</a></li>
```

```
<li><a class="dropdown-item" href="#">A third link</a></li>
```


7.Navbar forms and Buttons;

```
<nav class="navbar navbar-expand-sm navbar-dark bg-dark">
```

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

```
<a class="navbar-brand" href="javascript:void(0)">Logo</a>
```

```
<button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#mynavbar">
```

```
<span class="navbar-toggler-icon"></span>
```

```
</button>
```

```
<div class="collapse navbar-collapse" id="mynavbar">
```

```
<ul class="navbar-nav me-auto">
```

```
<li class="nav-item">
```

```
<a class="nav-link" href="javascript:void(0)">Link</a>
```

```
</li>
```

```
<li class="nav-item">
```

```
<a class="nav-link" href="javascript:void(0)">Link</a>
```

```
</li>
```

```
<li class="nav-item">
```

```
<a class="nav-link" href="javascript:void(0)">Link</a>
```

```
</li>
```

```
</ul>
```

```
<form class="d-flex">
```

```
<input class="form-control me-2" type="text" placeholder="Search">
```

```
<button class="btn btn-primary" type="button">Search</button>
```

```
</form>
```

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

```
</nav>
```

8.Fixed Navigation Bar;

The .fixed-top class makes the navigation bar fixed at the **top**:

```
<nav class="navbar navbar-expand-sm bg-dark navbar-dark fixed-top">
```

```
...
```

```
</nav>
```

20) Carousel / Slideshow:

The Carousel is a slideshow for cycling through elements:

```
<!-- Carousel -->
```

```
<div id="demo" class="carousel slide" data-bs-ride="carousel">
```

```
<!-- 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 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>

```

21) Dark Mode:

If you want to change the whole page to a darker color, you can add `data-bs-theme="dark"` to the `<html>` element:

If you don't want the whole page to have a darker color, but only specific components, you can add the `data-bs-theme="dark"` attribute to the specified component.

```
<table class="table" data-bs-theme="dark">
```

22) Flex:

To create a flexbox container and to transform direct children into flex items, use the `d-flex` class:

```

<div class="d-flex 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>

```

1.Horizontal Direction;

Use `.flex-row` to display the flex items horizontally (side by side). This is default.

```

<div class="d-flex flex-row bg-secondary">

<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-row-reverse bg-secondary">

<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>

```

2.Vertical Direction;

Use .flex-column to display the flex items vertically (on top of each other), or .flex-column-reverse to reverse the vertical direction:

```

<div class="d-flex flex-column">

<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>

```

3.Justify Content;

Use the .justify-content-* classes to change the alignment of flex items. Valid classes are start (default), end, center, between or around:

```
<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>
```

4.Fill / Equal Widths;

Use flex-fill on flex items to force them into equal widths:

```
<div class="d-flex">
```

```
<div class="p-2 bg-info flex-fill">Flex item 1</div>
```

```
<div class="p-2 bg-warning flex-fill">Flex item 2</div>
```

```
<div class="p-2 bg-primary flex-fill">Flex item 3</div>
```

```
</div>
```

5.Grow;

Use flex-grow-1 on a flex item to take up the rest of the space. In the example below, the first two flex items take up their necessary space, while the last item takes up the rest of the available space:

```
<div class="d-flex">
```

```
<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-grow-1">Flex item 3</div>
```

```
</div>
```

6.Order;

Change the visual order of a specific flex item(s) with the .order classes. Valid classes are from 0 to 5, where the lowest number has highest priority (order-1 is shown before order-2, etc.):

```
<div class="d-flex bg-secondary">
```

```
<div class="p-2 bg-info order-3">Flex item 1</div>
```

```
<div class="p-2 bg-warning order-2">Flex item 2</div>
```

```
<div class="p-2 bg-primary order-1">Flex item 3</div>
```

```
</div>
```

4. Mini Project:

Technical description:

1. Html version.5 (To create the webpage)

2. Text editor – Visual Studio code

3. Browser – Chrome.

Link ; [Mergosoft Pvt Ltd.](#)

Program:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<title>Mini Project Mergosoft</title>
```

```
<meta charset="utf-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
```

```
rel="stylesheet">
```

```
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>
```

```
</head>
```

```
<body>
```

```
<div style="height: 150px;" class="container-fluid bg-secondary">
```

```
<div class="row">
```

```
<div class="col-xl-3 bg-secondary"><nav class="navbar navbar-expand-sm bg-secondary navbar-dark">
```

```
<div class="container-fluid bg-secondary">
```



```

<a class="navbar-brand" href="#">

    <b
style="font-size: 50px;padding-left: 10px; font-family: 'Times New Roman', Times,
serif;">Mergosoft</b>

</a>

</div>

</nav></div>

<div class="col-xl bg-secondary"><ul class="nav nav-pills">

    <li class="nav-item">

        </li>

        <li class="nav-item dropdown">

            <a class="nav-link dropdown-toggle" data-bs-toggle="dropdown" href="#" style="padding-top:
30px;font-size: 19px;color: white;">Products & Solutions

        </a>

        <ul class="dropdown-menu bg-dark">

            <li><a class="dropdown-item bg-dark"
href="file:///C:/Users/udhayasankar/OneDrive/Desktop/HTML%20class/bussiness%20automation.ht
ml" style="color: white;">Automation</a>

            </li>

            <li><hr class="dropdown-divider"></hr></li>

            <li><a class="dropdown-item bg-dark"
href="file:///C:/Users/udhayasankar/OneDrive/Desktop/HTML%20class/Banking%20and%20financi
al%20marketing%20mergo.html" style="color: white;">Industries</a></li>

            <li><hr class="dropdown-divider"></hr></li>

```

```

    <li><a class="dropdown-item bg-dark"
href="file:///C:/Users/udhayasankar/OneDrive/Desktop/HTML%20class/Asset%20Management.htm
l" style="color: white;">Bussiness Operation</a></li>

    <li><hr class="dropdown-divider"></hr></li>

    <li><a class="dropdown-item bg-dark"
href="file:///C:/Users/udhayasankar/OneDrive/Desktop/HTML%20class/Databases%20mergo.html"
style="color: white;">Cloud Computing</a></li>

</ul>

</li>

<li class="nav-item dropdown">

    <a class="nav-link dropdown-toggle" data-bs-toggle="dropdown" href="#" style="padding-top:
30px;font-size: 19px;color: white;">Service & Consulting</a>

    <ul class="dropdown-menu bg-dark">

        <li><a class="dropdown-item bg-dark" href="https://www.mergosoft.com/application-
development-maitanence/" style="color: white;">Application Development</a></li>

        <li><hr class="dropdown-divider"></li>

        <li><a class="dropdown-item bg-dark" href="https://www.mergosoft.com/cross-platform-apps-
development/" style="color: white;">Mobile Appliction Development</a></li>

        <li><hr class="dropdown-divider"></li>

        <li><a class="dropdown-item bg-dark" href="https://www.mergosoft.com/intergrated-digital-
marketing/" style="color: white;">Digital Marketing Service</a></li>

        <li><hr class="dropdown-divider"></li>

    </ul>

</li>

<li class="nav-item dropdown">

    <a class="nav-link dropdown-toggle" data-bs-toggle="dropdown" href="#" style="padding-top:
30px;font-size: 19px;color: white;">Learn & Support</a>

```

```

<ul class="dropdown-menu bg-dark">

  <li><a class="dropdown-item bg-dark" href="https://www.mergosoft.com/mergosoft-support/"
style="color: white;">Support</a></li>

  <li><hr class="dropdown-divider"></hr></li>

  <li><a class="dropdown-item bg-dark" href="https://www.mergosoft.com/product-
documentation/" style="color: white;">Documentation</a></li>

  <li><hr class="dropdown-divider"></hr></li>

  <li><a class="dropdown-item bg-dark" href="https://www.mergosoft.com/code-patterns/"
style="color: white;">Developer Education</a></li>

  <li><hr class="dropdown-divider"></hr></li>

  <li><a class="dropdown-item bg-dark" href="https://www.mergosoft.com/courses/"
style="color: white;">Training</a></li>

</ul>

</li>

<li class="nav-item dropdown">

  <a class="nav-link dropdown-toggle" data-bs-toggle="dropdown" href="#" style="padding-top:
30px;font-size: 19px;color: white;">Explore More</a>

  <ul class="dropdown-menu bg-dark">

    <li><a class="dropdown-item bg-dark" href="https://www.mergosoft.com/payment-partners/"
style="color: white;">Partners</a></li>

    <li><a class="dropdown-item bg-dark" href="https://www.mergosoft.com/about/" style="color:
white;">About Mergosoft</a></li>

  </ul>

</li></div></div>

</div>

<div style="height: 300px;" class="container- bg-secondary ">

```

```
<div class="row">
```

```
    <div style="height: 300px;" class="col-xxl-6 bg-secondary"><h1 style="padding-top:
80px;padding-left: 60px;color: white;font-family: 'Times New Roman', Times, serif;font-size:
60px;">Our consultancy stays in sync with your strategy</h1></div>
```

```
</div>
```

```
</div>
```

```
<div style="height: 500px;" class="container-fluid bg-danger">
```

```
    <div class="row">
```

```
        <div style=" height: 200px; padding-top: 50px;" class="col-xxl bg-white"><h2 style="font-size:
40px;text-align: center;">As a global corporation we strive for diversity<br> across the
globe</h2></div>
```

```
    </div>
```

```
<div class="row">
```

```
    <div style=" height: 300px" class="col-xl-4 bg-white">
```

```
        <h2 style="text-align: center;">
```

```
        <h2 style="text-align: center;padding-top: 15px;">Bussiness Consulting</h2>
```

```
        <p style="text-align: center;font-size: large; padding-top: 10px;">Provide expert advice and
guidance to<br> organizations to improve operations,<br> achieve goals, and solve
problems.</p></div>
```

```
    <div style=" height: 300px" class="col-xl-4 bg-white">
```

```
        
```

```
        <h2 style="text-align: center;padding-left: 15px; padding-top: 15px;">Technicl Support</h2>
```

<p style="text-align: center;font-size: large;padding-top: 10px;">The team aids and services clients who
 have a problem related to their products.</p></div>

<div style=" height: 300px" class="col-xl-4 bg-white">

Service Support</h2>

<p style="text-align: center;font-size: large;padding-top:10px ;">Provide the necessary support to ensure
 a business operates technology in an
 efficient and safe manner.</p></div>

</div>

</div>

<div style="height: 700px;" class="container-fluid bg-primary">

<div class="row">

<div style="height: 650px; margin: 50px;" class="col-xl-5 bg-darkblue">

</div>

<div style="height: 600px; margin: 50px;border-end-start-radius: 190px ; background-color: rgb(237, 237, 239);" class="col-xl-5">

<div class="button">

<button type="button" class="btn bg-primary" style="color: white;margin: 1px;">Best solution</button></div>

<div style="height: 400px;margin-top: 13px; background-color: rgb(237, 237, 239);;" class="col-xl-15">

<h1 style="font-size: 50px;padding-left: 25px;">Real-life strategy to
 reach your goals.</h1>

<p style="font-size: 19px;padding-top: 15px;padding-left: 25px;">We always pay attention to investing in IT solutions that deliver exceptional value to our clients and faster sustainable growth.

<hr>

<ul style="padding-left: 50px;">

<li style="font-size: 19px;padding-bottom: 35px;padding-top: 20px;padding-left: 10px;">We assist our clients in the right way with good design and ideas to achieve what they expect.

<li style="font-size: 19px;padding-left: 10px;">Our team aids you in obtaining your plan over a period.

</p></div>

</div>

</div>

</div>

<div style=" height: 600px ; background-color: lightblue;" class="container-xxl-fluid ">

<div class="row">

<div style="height: 500px;margin: 80px;background-color: lightblue;" class="col-5 ">

</div>

<div style="height: 500px;margin-top: 50px;padding-left: 20px;background-color: lightblue;" class="col-5">

<div class="button">

<button type="button" class="btn btn-primary" style="color: white;margin: 1px;">Best Solution</button>

</div>

<div style="height: 400px;padding-top: 10px;background-color: lightblue;" class="col-10 b">

```

<h1 style="color: black">Select our product to raise your business</h1>

<ol style="color: black;font-size: 18px;padding-left: 70px;padding-top: 50px;">

    <li>School Management System</li>

    <li>Hospital Management System</li>

    <li>Learning Management System</li>

    <li>POS, Inventory Management System, HRM & Accounting</li>

    <li>E-commerce</li>

    <li>Social Marketing Tool</li><li>Crowd Funding Platform</li>

</ol></div>

<div style="padding-left: 20px;padding-top: 10px;" class="button">

    <button type="button" class="btn btn-primary btn-lg">Get Start today</button>

</div>

</div>

</div>

</div>

<div style="height: 500px;" class="container-fluid bg-dark">

    <div class="row">

        <div style="height: 400px;border-radius: 200px;background-color: rgb(14, 14, 116, 0.966);"
class="col-5 ">

            

            <div style="padding-left:150px ;padding-top: 30px;" class="button">

                <button type="button" class="btn btn-primary btn-lg"><a href="tel:+91 4256 260123"
style="color: white;text-decoration: none;">+91 4256 260123</a></button>

```

```

</div>

<div style="padding-left:120px ;padding-top: 10px;" class="button">

    <button type="button" class="btn btn-primary btn-lg"><a
href="mailto:support@mergosoft.com" style="color: white;text-decoration:
none;">support@mergosoft.com</a></button>

</div>

</div> -->

<div style="height: 200px; padding-top: 40px;padding-left: 0px;" class="col-3 bg-dark">

    <h3 style="color: white;text-align: right;">
About us</h3><p style="color: white;text-align: right;">Product Support and</p><p style="color:
white;text-align: right;">Payment Policy</p>

</div>

    <div style="height: 200px;padding-top:40px ;" class="col-3 bg-dark">

        <h3 style="color: white;text-align: center;">Privacy Policy</h3>

        <p style="color: white;text-align: center;">Refund and cancel</p><p style="color: white;text-
align: center;">Contact</p></div>

    <div class="row">

        <div style="height: 100px;" class="col bg-dark"><hr style="color: skyblue;"><p style="color:
white;">© Copyright 2014 - 2025 | Mergosoft | All Rights Reserved</p></div>

    </div>

</div>

</div>

</div>

</div></div>

</body>

</html>

```


Output:



As a global corporation we strive for diversity
across the globe



Business Consulting

Provide expert advice and guidance to organizations to improve operations, achieve goals, and solve problems.



Technical Support

The team aids and services clients who have a problem related to their products.



Service Support

Provide the necessary support to ensure a business operates technology in an efficient and safe manner.