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\*\*\*Full Stack Web Development with Python and DJango \*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*3. BOOTSTRAP \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*:-

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-----------------------------Introduction----------------……..------------:-

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Bootstrap is the most commonly used framework for Front-End Development. [Django is the most commonly used web framework for back-end development with Python]

Bootstrap providing several pre defined libraries for css and java script.

Current version of Bootstrap is: 4.1.1

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Bootsrap 3 vs Bootstrap 4:

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1. Panels are replaced with Cards

2. Larger default font sizes

3. New Grid Tier(XL)

4. Use of Flexbox

5. Moved from Less to Sass

website: getbootstrap.com

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How to connect Bootstrap with HTML: -

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We can connect Bootstrap with HTML by using the following 2 ways

1. By using CDN

2. Locally

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1. By using CDN:

……………………………

Content Delivery Network

just add the following in the <head> part of our html

<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.1/css/bootstrap.min.css">

………………………………………………………………………………………..

demo.html:

1) <!DOCTYPE html>

2) <html lang="en" dir="ltr">

3) <head>

4) <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.1/css/b ootstrap.min.css">

5) <meta charset="utf-8">

6) <title></title>

7) </head>

8) <body>

9) <h1>This is First Bootstrap Demo</h1>

10) </body>

11) </html>

……………………………………………………………………………………………

2. Locally:

………………….

Download bootstrap.css file from the link getbootstrap.com and download button

https://github.com/twbs/bootstrap/releases/download/v4.1.1/bootstrap-4.1.1-dist.zip

zip file contains bootstrap.css file.

copy this file in our application folder and add the following link in html

<link rel="stylesheet" href="Bootstrap.css">

…………………………………………………………………………………

demo.html:

1) <!DOCTYPE html>

2) <html lang="en" dir="ltr">

3) <head>

4) <link rel="stylesheet" href="Bootstrap.css">

5) <meta charset="utf-8">

6) <title></title>

7) </head>

8) <body>

9) <h1>This is First Bootstrap Demo</h1>

10)

11) </body>

12) </html>

…………………………………………………….

Agenda: -

1. Buttons

2. Forms

3. Nav

……………………………………………………………………………………………..\*\*\*\*\*\*\*\*\*\*\*\*Bootstrap- Buttons:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*:-

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Most of the styles in Bootstrap are implemented as class styles.(ie class selectors)

We can use these classes directly in our web application to improve look and feel.

The following are commonly used classes

1. container class

2. button related classes

2. jumbotron classes

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1. container class: -

To center our elements we should use container class.

eg:

1) <div class="container">

2) <h1>This is First Bootstrap Demo</h1>

3) </div>

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2. Button classes:-

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We can use button related classes for <a>,<button> and <input> tags.

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How to use bootstrap success style for our buttons:-

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We have to use btn btn-success

<button type="button" name="button" class="btn btn-success ">Login</button>

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To make our button as large: btn-lg

<button type="button" name="button" class="btn btn-success btn-lg ">Login</button>

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To make button as active:

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We have to use active class

<button type="button" name="button" class="btn btn-success btn-lg active">Login</button>

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To make button as disabled: -

……………………………...........

<button type="button" name="button" class="btn btn-success" disabled="disabled">Login</button>

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Usage of button related classes for anchor tag: -

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<a href="http://getbootstrap.com" class="btn btn-success btn-lg">Click Here for Bootstrap Documentation</a>

……………………………………………………………………………………………..

Usage of button related classes for input tag: -

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We can use button related classes for input tag also,but not recommended to use.

Name: <input type="text" class="btn btn-success btn-lg" name="" value="">

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How to change default styles of Bootstrap: -

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Based on our requirement we can customize/change bootstrap default styles.

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eg:

1) <html lang="en" dir="ltr">

2) <head>

3) <link rel="stylesheet" href="Bootstrap.css">

4) <style type="text/css">

5) .btn-success{

6) background: orange;

7) color: blue;

8) }

9) </style>

10) </head>

11) <body>

12) <div class="container">

13) <button type="button" name="button" class="btn btn-success ">Login</button>

14) </div>

15) </body>

16) </html>

………………………………………………………………………………………………\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Jumbotron classes:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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A lightweight, flexible component that can optionally extend the entire viewport to showcase key content on our site.

eg:

1) <div class="jumbotron">

2) <h1>Hello, world!</h1>

3) <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, dsfsafd.</p>

4) <p><a class="btn btn-primary btn-lg" href="#" role="button">Learn more</a></p>

5) </div>

6) </div>

………………………………………………………………………………………………Note: Several scenarios with HTML,CSS and JS https://www.w3schools.com/howto/

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Bootstrap Forms: -

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Bootstrap provides several classes for forms. The main important classes are

1. form-group:

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It is responsible to maintain proper space between elements so that elements will be arranged properly.

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2. form-control:

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This class is responsible to make width as 100% for elements <input>, <textarea>, and <select>. It is also responsible for border styling.

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Basic Example Form :

1) <form>

2) <div class="form-group">

3) <label for="exampleInputEmail1">Email address</label> 4) <input type="email" class="formcontrol" id="exampleInputEmail1" placeholder="Email">

5) </div>

6) <div class="form-group">

7) <label for="exampleInputPassword1">Password</label> 8) <input type="password" class="formcontrol" id="exampleInputPassword1" placeholder="Password">

9) </div>

10) <div class="form-group">

11) <label for="exampleInputFile">File input</label>

12) <input type="file" id="exampleInputFile">

13) <p class="help-block">Example block-level help text here.</p>

14) </div>

15) <div class="checkbox">

16) <label>

17) <input type="checkbox"> Check me out

18) </label>

19) </div>

20) <button type="submit" class="btn btn-default">Submit</button>

21) </form>

………………………………………………………………………………………………\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Inline Form:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

…………………………………………………………………………………………

1) <form class="form-inline">

2) <div class="form-group">

3) <label for="exampleInputName2">Name</label>

4) <input type="text" class="formcontrol" id="exampleInputName2" placeholder="Jane Doe">

5) </div>

6) <div class="form-group">

7) <label for="exampleInputEmail2">Email</label>

8) <input type="email" class="formcontrol" id="exampleInputEmail2" placeholder="jane.doe@example.com">

9) </div>

10) <button type="submit" class="btn btn-default">Send invitation</button>

11) </form>

……………………………………………………………………………………………..\*\*\*\*\*Form Development by using Bootstrap elements:\*\*\*

…………………………………………………………………………………………..

<form>

<!-- EMAIL SUBMISSION -->

<div class="form-group">

<label for="exampleInputEmail1">Email address</label> <input type="email" class="form-control" id="exampleInputEmail1" ariadescribedby="emailHelp" placeholder="Enter email">

<small id="emailHelp" class="form-text text-muted">We'll never share your email with anyone else.</small>

</div>

<!-- PASSWORD -->

<div class="form-group">

<label for="exampleInputPassword1">Password</label> <input type="password" class="form-control" id="exampleInputPassword1" placeholder="Password"> </div>

<!-- DROPDOWN SELECT -->

<div class="form-group">

<label for="exampleSelect1">Example select</label> <select class="form-control" id="exampleSelect1"> <option>1</option>

<option>2</option>

<option>3</option>

<option>4</option>   
<option>5</option>

</select>

</div>

<!-- MULTIPLE SELECT OPTIONS -->

<div class="form-group">

<label for="exampleSelect2">Example multiple select</label> <select multiple class="form-control" id="exampleSelect2"> <option>1</option>

<option>2</option>

<option>3</option>

<option>4</option>

<option>5</option>

</select>

</div>

……………………………………………

<!-- TEXT AREA -->

<div class="form-group">

<label for="exampleTextarea">Example textarea</label> <textarea class="form-control" id="exampleTextarea" rows="3"></textarea>

</div>

<!-- FILE UPLOAD INPUT -->

<div class="form-group">

<label for="exampleInputFile">File input</label>

<input type="file" class="form-control-file" id="exampleInputFile" aria-describedby="fileHelp">

<small id="fileHelp" class="form-text text-muted">This is some placeholder block-level help text for the above input. It's a bit lighter and easily wraps to a new line.</small> </div>

<!-- RADIO BUTTONS -->

<fieldset class="form-group">

<legend>Radio buttons</legend>

<div class="form-check">

<label class="form-check-label">

<input type="radio" class="form-check-input" name="optionsRadios" id="optionsRadios1" value="option1" checked>

Option one is this and that&mdash;be sure to include why it's great

</label>

</div>

<div class="form-check">

<label class="form-check-label">

<input type="radio" class="form-check-input" name="optionsRadios" id="optionsRadios2" value="option2">

Option two can be something else and selecting it will deselect option one

</label>

</div>

<div class="form-check disabled">

<label class="form-check-label">

<input type="radio" class="form-check-input" name="optionsRadios" id="optionsRadios3" value="option3" disabled> Option three is disabled

</label>

</div>

</fieldset>

<!-- CHECK BUTTON -->

<div class="form-check">

<label class="form-check-label">

<input type="checkbox" class="form-check-input"> Check me out

</label>

</div>

<button type="submit" class="btn btn-primary">Submit</button>

</form>

……………………………………………………………………………

Note: The <fieldset> tag is used to group related elements in a form.

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\*\*\*\*\*\*\*\*\*\*\*\*Bootstrap: Navbars:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*:-

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Navbars are nothing but Navigation Bars. Usually the navbars present on the top of the web page,which can be used for navigation purposes.

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\*\*\*\*\*\*\*\*How to create Navbar Template:\*\*\*\*\*\*\*\*\*\*\*\*:-

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<nav class="navbar navbar-default">

</nav>

……………………………………………………………………………………………

\*\*\*\*\*\*\*How to add Brand to the Navbar:\*\*\*\*\*\*\*\*\*\*\*\*\*:-

………………………………………………………………………………………..

1) <nav class="navbar navbar-default">

2) <div class="navbar-header">

3) <a href="http://Gmail.com" class="navbar-brand">Gmail</a>

4) </div>

5) </nav>

………………………………………………………………………………………………\*\*\*\*\*\*How to add remaining items to the Navbar:\*\*\*\*\*\*\*\*

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The remaining items will be added in the form of unordered list. Each List item acts as Navbar item

1) <nav class="navbar navbar-default">

2) <div class="navbar-header">

3) <a href="http://gmail.com" class="navbar-brand">Gmail</a>

4) </div>

5) <ul class="nav navbar-nav">

6) <li> <a href="#">Home</a></li>

7) <li> <a href="#">About Us</a></li>

8) <li> <a href="#">Gallary</a></li>

9) <li> <a href="#">Services</a></li>

10) </ul>

11) </nav>

All these items will be added from Left Hand side

……………………………………………………………………………………………..\*\*\*\*\*\*\*\*\*How to add items to the Right Hand Side: \*\*\*:-

………………………………………………………………………………………….

These items also will be added in the form of unordered list.

1) <nav class="navbar navbar-default">

2) <div class="navbar-header">

3) <a href="http://gmail.com" class="navbar-brand">Gmail</a>

4) </div>

5) <ul class="nav navbar-nav">

6) <li> <a href="#">Home</a></li>

7) <li> <a href="#">About Us</a></li>

8) <li> <a href="#">Gallary</a></li>

9) <li> <a href="#">Services</a></li>

10) </ul>

11) <ul class="nav navbar-nav navbar-right">

12) <li> <a href="#">Contact Us</a></li>

13) <li> <a href="#">Logout</a></li>

14) </ul>

15) </nav>

………………………………………………………………………………………………\*\*\*\*\*\*How to position navbar items properly:\*\*\*\*\*\*\*\*\*\*\*

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We have to take all items inside container class.

1) <nav class="navbar navbar-default">

2) <div class="container">

3) header/brand, items..

4) </div>

5) </nav>

……………………………………………………………………………………………

Note: It is not recommended to take total navbar inside container class <div class="container">

<nav class="navbar navbar-default">

...

</nav>

</div>

………………………………………………………………………………………………

How to fix navbar always at top even in scroll down:-

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<nav class="navbar navbar-default navbar-fixed-top">

……………………………………………………………………………………………

How to inverse color of Navbar:

……………………………………………………………………………………………

<nav class="navbar navbar-default navbar-fixed-top navbar-inverse">

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How to implement Hamburger to Navbar:-

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We have to enclose the collapsed items inside the following div tag.

1) <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">

2) <ul class="nav navbar-nav">

3) <li><a href="#">Home</a></li>

4) <li><a href="#">About Us</a></li>

5) <li><a href="#">Services</a></li>

6) <li><a href="#">Services</a></li>

7) <li><a href="#">Services</a></li>

8) </ul>

9) <ul class="nav navbar-nav navbar-right"> 10) <li><a href="#">Contact Us</a></li>

11) <li><a href="#">Logout</a></li>

12) </ul>

13) </div>

………………………………………………………………………………………………To add hamburger,we have to add the following tag inside <div class="navbar-header">

eg:

1) <div class="navbar-header">

2) <button type="button" class="navbar-toggle collapsed" datatoggle="collapse" data-target="#bs-example-navbar-collapse-1" aria-expanded="false">

3) <span class="sr-only">Toggle navigation</span> 4) <span class="icon-bar"></span>

5) <span class="icon-bar"></span>

6) <span class="icon-bar"></span>

7) </button>

8) <a href="http://gmail.com" class="navbar-brand">Gmail</a>

9) </div>

……………………………………………………………………………………………

\*\*\*Note:

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To work Bootstrap navbar hamburger,compulsory Bootstrap Javascript must be required. But to work Bootstrap Javascript, jQuery must be required. Hence we have to include Bootstrap Java script and jQuery CDNs in our html.But order is important first jquery cdn followed by javascript cdn

<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin="anonymous"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js" integrity="sha384Tc5IQib027qvyjSMfHjOMaLkfuWVxZxUPnCJA7l2mCWNIpG9mGCD8wGNIcPD7Txa" crossorigin="anonymous"></script>

………………………………………………………………………………………

We can write inside <body> tag anywhere.

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Demo HTML:

…………………………….

<!DOCTYPE html>

<html lang="en" dir="ltr">

<head>

<link rel="stylesheet" href="bootstrap.css">

<meta charset="utf-8">

<title></title>

</head>

<body>

<nav class="navbar navbar-default navbar-fixed-top navbar-inverse">

<div class="container">

<div class="navbar-header">

<button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1" aria-expanded="false">

<span class="sr-only">Toggle navigation</span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

<a href="http://gmail.com" class="navbar-brand">Gmail</a>

</div>

<div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">

<ul class="nav navbar-nav">

<li> <a href="#">Home</a></li>

<li> <a href="#">About Us</a></li>

<li> <a href="#">Gallary</a></li>

<li> <a href="#">Services</a></li>

</ul>

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

<li> <a href="#">Contact Us</a></li>

<li> <a href="#">Logout</a></li>

</ul>

</div>

</div>

</nav>

<br><br><br><br><br><br><br><br><br><br>

<br><br><br><br><br><br><br>

<nav class="navbar navbar-default">

<div class="container-fluid">

<!-- Brand and toggle get grouped for better mobile display -->

<div class="navbar-header">

<button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1" aria-expanded="false">

<span class="sr-only">Toggle navigation</span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

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

</div>

<!-- Collect the nav links, forms, and other content for toggling -->

<div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">

<ul class="nav navbar-nav">

<li class="active"><a href="#">Link <span class="sr-only">(current)</span></a></li>

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

<li class="dropdown">

<a href="#" class="dropdown-toggle" data-toggle="dropdown" role="button" aria-haspopup="true" aria-expanded="false">Dropdown <span class="caret"></span></a>

<ul class="dropdown-menu">

<li><a href="#">Action</a></li>

<li><a href="#">Another action</a></li>

<li><a href="#">Something else here</a></li>

<li role="separator" class="divider"></li>

<li><a href="#">Separated link</a></li>

<li role="separator" class="divider"></li>

<li><a href="#">One more separated link</a></li>

</ul>

</li>

</ul>

<form class="navbar-form navbar-left">

<div class="form-group">

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

</div>

<button type="submit" class="btn btn-default">Submit</button>

</form>

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

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

<li class="dropdown">

<a href="#" class="dropdown-toggle" data-toggle="dropdown" role="button" aria-haspopup="true" aria-expanded="false">Dropdown <span class="caret"></span></a>

<ul class="dropdown-menu">

<li><a href="#">Action</a></li>

<li><a href="#">Another action</a></li>

<li><a href="#">Something else here</a></li>

<li role="separator" class="divider"></li>

<li><a href="#">Separated link</a></li>

</ul>

</li>

</ul>

</div><!-- /.navbar-collapse -->

</div><!-- /.container-fluid -->

</nav>

</body>

</html>

………………………………………………………………………………………………

<!DOCTYPE html>

<html lang="en" dir="ltr">

<head>

<link rel="stylesheet" href="bootstrap.css">

<meta charset="utf-8">

<title></title>

</head>

<body>

<nav class="navbar navbar-default navbar-fixed-top navbar-inverse">

<div class="container">

<div class="navbar-header">

<button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1" aria-expanded="false">

<span class="sr-only">Toggle navigation</span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

<a href="http://gmail.com" class="navbar-brand">Gmail</a>

</div>

<div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">

<ul class="nav navbar-nav">

<li> <a href="#">Home</a></li>

<li> <a href="#">About Us</a></li>

<li> <a href="#">Gallary</a></li>

<li> <a href="#">Services</a></li>

</ul>

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

<li> <a href="#">Contact Us</a></li>

<li> <a href="#">Logout</a></li>

</ul>

</div>

</div>

</nav>

<br><br><br><br><br><br><br><br><br><br>

<br><br><br><br><br><br><br>

<nav class="navbar navbar-default">

<div class="container-fluid">

<!-- Brand and toggle get grouped for better mobile display -->

<div class="navbar-header">

<button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1" aria-expanded="false">

<span class="sr-only">Toggle navigation</span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

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

</div>

<!-- Collect the nav links, forms, and other content for toggling -->

<div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">

<ul class="nav navbar-nav">

<li class="active"><a href="#">Link <span class="sr-only">(current)</span></a></li>

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

<li class="dropdown">

<a href="#" class="dropdown-toggle" data-toggle="dropdown" role="button" aria-haspopup="true" aria-expanded="false">Dropdown <span class="caret"></span></a>

<ul class="dropdown-menu">

<li><a href="#">Action</a></li>

<li><a href="#">Another action</a></li>

<li><a href="#">Something else here</a></li>

<li role="separator" class="divider"></li>

<li><a href="#">Separated link</a></li>

<li role="separator" class="divider"></li>

<li><a href="#">One more separated link</a></li>

</ul>

</li>

</ul>

<form class="navbar-form navbar-left">

<div class="form-group">

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

</div>

<button type="submit" class="btn btn-default">Submit</button>

</form>

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

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

<li class="dropdown">

<a href="#" class="dropdown-toggle" data-toggle="dropdown" role="button" aria-haspopup="true" aria-expanded="false">Dropdown <span class="caret"></span></a>

<ul class="dropdown-menu">

<li><a href="#">Action</a></li>

<li><a href="#">Another action</a></li>

<li><a href="#">Something else here</a></li>

<li role="separator" class="divider"></li>

<li><a href="#">Separated link</a></li>

</ul>

</li>

</ul>

</div><!-- /.navbar-collapse -->

</div><!-- /.container-fluid -->

</nav>

<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin=" anonymous"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js" integ rity="sha384Tc5IQib027qvyjSMfHjOMaLkfuWVxZxUPnCJA7l2mCWNIpG9mGCD8wGNIcPD7Txa" crossor igin="anonymous"></script>

</body>

</html>

………………………………………………………………………………………………..

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*App-1\*\*\*\*\*

/……………………………………………………………………

<!DOCTYPE html>

<html lang="en" dir="ltr">

<head>

<link rel="stylesheet" href="bootstrap.css">

<link rel="stylesheet" href="Gallary.css">

<!-- Latest compiled and minified CSS -->

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bo otstrap.min.css"

integrity="sha384BVYiiSIFeK1dGmJRAkycuHAHRg32OmUcww7on3RYdg4Va+PmSTsz/K68vbdEjh4u"

crossori gin="anonymous">

<title></title>

</head>

<body>

<nav class="navbar navbar-fixed-top " id="xxx">

<div class="container">

<!-- Brand and toggle get grouped for better mobile display -->

<div class="navbar-header">

<button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1" aria-expanded="false">

<span class="sr-only">Toggle navigation</span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

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

</div>

<!-- Collect the nav links, forms, and other content for toggling -->

<div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">

<ul class="nav navbar-nav">

<li class="active"><a href="#">Home <span class="sr-only">(current)</span></a></li>

<li><a href="#">About Us</a></li>

<li><a href="#">Services</a></li>

<li class="dropdown">

<a href="#" class="dropdown-toggle" data-toggle="dropdown" role="button" aria-haspopup="true" aria-expanded="false">Dropdown <span class="caret"></span></a>

<ul class="dropdown-menu">

</ul>

</li>

</ul>

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

<li><a href="#">Contact Us</a></li>

<li><a href="#">Logout</a></li>

</ul>

</div><!-- /.navbar-collapse -->

</div><!-- /.container-fluid -->

</nav>

<div class="container">

<div class="jumbotron">

<h1> Heaven Photo Gallery</h1>

<p>This is short cut to go to heaven... already crores of people tested... why don't yo u test</p>

</div>

</div>

<div class="row">

<div class="col-lg-4 col-sm-6">

<div class="thumbnail"><img src="Haven.jpg" alt=""> </div>

</div>

<div class="col-lg-4 col-sm-6">

<div class="thumbnail"><img src="Haven.jpg" alt=""> </div>

</div>

<div class="col-lg-4 col-sm-6">

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<div class="thumbnail"><img src="Haven.jpg" alt=""> </div>

</div>

<div class="col-lg-4 col-sm-6">

<div class="thumbnail"><img src="Haven.jpg" alt=""> </div>

</div>

<div class="col-lg-4 col-sm-6">

<div class="thumbnail"><img src="Haven.jpg" alt=""> </div>

</div>

</div>

<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo" crossorigin=" anonymous"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js" integ rity="sha384Tc5IQib027qvyjSMfHjOMaLkfuWVxZxUPnCJA7l2mCWNIpG9mGCD8wGNIcPD7Txa" crossor igin="anonymous"></script>

</body>

</html>

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