**EX:1**

Index.html

<!DOCTYPE html>

<html lang="en">

<head>

<title>MapImage</title>

</head>

<body>

<map id="picture" name="picture">

<area href="TamilNadu.html" shape="rect" coords="418,902,322,1063" alt="TamilNadu"/>

<area href="karnataka.html" shape="rect" coords="217,951,309,758" alt

="Karnataka"/>

<area href="Maharashtra.html" shape="rect" coords="157,754,338,613" alt="Maharashtra"/>

<area href="rajasthan.html" shape="rect" coords="63,484,309,341" alt="Rajasthan"/>

<area href="Andhra.html" shape="rect" coords="312,892,428,796" alt="AndhraPradesh"/>

</map>

<img src="C:\Users\Hari\Downloads\india.jpg" alt="india" usemap="#picture"/>

</body>

</html> TamilNadu.html:

<!DOCTYPE html>

<html lan="en"> </div>

<head>

<title>TamilNaduImage</title>

</head>

<style>

body {background-color: rgb(247, 250, 250);}

h1{color:rgb(91, 5, 5)}

p{color:rgb(45, 45, 61); text-align :justify}

\* {

box-sizing:border-box;

}

.column { float: right; width: 30%; padding: 5px;

}

</style>

<body>

<h1>TamilNadu</h1>

<p>Tamil Nadu is straddled by the Western Ghats and Deccan Plateau in the west, the Eastern Ghats in the north, the Eastern Coastal Plains lining the Bay of Bengal in the east, the Gulf of Mannar and the Palk Strait to the south-east, the Laccadive Sea at the southern cape of the peninsula, with the river Kaveri bisecting the state. Politically, Tamil Nadu is bound by the Indian states of Kerala, Karnataka, and Andhra Pradesh, and the union territory of Puducherry and shares an international maritime border with the Northern Province of Sri Lanka at Pamban Island.

Archaeological evidence points to Tamil Nadu being inhabited for more than 400 millennia and has more than 5,500 years of continuous cultural history. Historically, the Tamilakam region was inhabited by Tamil-speaking Dravidian people and was ruled by several regimes over centuries, such as the Sangam era triumverate of the Cheras, Cholas and Pandyas, the Pallavas (3rd–9th century CE), and the later Vijayanagara Empire (14th–17th century CE).<br><br><br> </p>

<div class="row">

<div class="column">

<img src="https://upload.wikimedia.org/wikipedia/commons/thumb/e/e4/Left\_side\_view\_Brihadee swara.jpg/1280px-Left\_side\_view\_Brihadeeswara.jpg" alt="Snow" style="width:90%">

</div>

<div class="column">

<img src="https://upload.wikimedia.org/wikipedia/commons/thumb/f/f4/Statue\_of\_Thiruvalluvar.j pg/1024px-Statue\_of\_Thiruvalluvar.jpg" alt="Forest" style="width:90%">

</div>

<div class="column">

<img src="https://upload.wikimedia.org/wikipedia/commons/thumb/5/52/Hogenakkal\_Falls\_Close. jpg/1024px-Hogenakkal\_Falls\_Close.jpg" alt="Mountains" style="width:90%"> </div>

</div>

</body>

</html> Karnataka.html:

<!DOCTYPE html>

<html lan="en">

<head>

<title>KarnatakaImage</title>

</head>

<style>

body {background-color: rgb(247, 250, 250);}

h1{color:rgb(91, 5, 5)}

p{color:rgb(45, 45, 61); text-align :justify}

\* {

box-sizing:border-box;

}

.column { float: right; width: 30%; padding: 5px;

}

</style>

<body>

<h1>Karnataka</h1>

<p>Karnataka is derived from the Kannada words karu and nādu, meaning "elevated land". Karu Nadu may also be read as karu, meaning "black" and nadu, meaning "region", as a reference to the black cotton soil found in the Bayalu Seeme region of the state. The British used the word Carnatic, sometimes Karnatak, to describe both sides of peninsular India, south of the Krishna.<br>With an antiquity that dates to the paleolithic, Karnataka has been home to some of the most powerful empires of ancient and medieval India. The philosophers and musical bards patronised by these empires launched socio-religious and literary movements which have endured to the present day. Karnataka has contributed significantly to both forms of Indian classical music, the Carnatic and Hindustani traditions..<br><br><br> </p>

<div class="row">

<div class="column">

<img src="https://upload.wikimedia.org/wikipedia/commons/thumb/b/b7/7th\_-

\_9th\_century\_Hindu\_and\_Jain\_temples%2C\_Pattadakal\_monuments\_Karnataka\_5.jpg/1024 px-7th\_-

\_9th\_century\_Hindu\_and\_Jain\_temples%2C\_Pattadakal\_monuments\_Karnataka\_5.jpg" alt="Snow" style="width:90%">

</div>

<div class="column">

<img src="https://upload.wikimedia.org/wikipedia/commons/thumb/c/c2/Gopura\_at\_Murdeshwar.j pg/1024px-Gopura\_at\_Murdeshwar.jpg" alt="Forest" style="width:90%">

<div class="column">

<img src="https://upload.wikimedia.org/wikipedia/commons/thumb/d/d3/DGTF2318.jpg/1024px- DGTF2318.jpg" alt="Mountains" style="width:90%">

</div>

</div>

</body>

</html>

**EX:2**

Index.html:

<!DOCTYPE html>

<html lang="en">

<head>

<title> BEC</title>

</head><title> BEC</title>

<style>

.topnav {

background-color: #cfcccc; overflow:auto;

}

/\* Style the links inside the navigation bar \*/

.topnav a { float: left;

color:rgb(14, 14, 44); text-align: center; padding: 14px 16px; text-decoration:double; font-weight: bold;

font-size: 22px;

}

/\* Change the color of links on hover\*/

.topnav a:hover { background-color: #ddd; color: black;

}

/\* Create a right-aligned (split) link inside the navigation bar \*/

.topnav a.split { float: right;

background-color: #76b98d; color: rgb(255, 255, 255);

}

.center {

position: absolute; top: 100px;

right: 570px; font-size: 32px;

text-align: center; font-weight: bolder; color:rgb(14, 14, 44) ;

}

.column { float: right; width: 32%; padding: 2px;

padding-top: 50px;

}

img { opacity: 0.8;

border-radius: 8px;

}

/\*img:hover { opacity: 1.0;

}\*/

.hw{

text-align: center; font-size:25px; font-weight: bold;

color:rgb(14, 14, 44); overflow: auto; padding-bottom: 50px;

}

.cen{

position: absolute; top: 850px;

right: 100px; left:100px;

font-size: 28px; text-align: center; font-weight:500;

color:rgb(242, 242, 246) ;

}

.cent{

position: absolute; top: 135px;

right: 500px; font-size: 20px;

font-weight: lighter; text-align: center; color:rgb(30, 30, 102) ;

}

.A1{

opacity: 1.0;

}

</style>

<body>

<div class="topnav">

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

<a href="about.html">About</a>

<a href="contact.html">News</a>

<a href="#contact">Contact</a>

<a href="#news" class="split">Help</a>

</div>

<div>

<img src="https://images.unsplash.com/photo-1562774053- 701939374585?q=80&w=1000&auto=format&fit=crop&ixlib=rb- 4.0.3&ixid=M3wxMjA3fDB8MHxzZWFyY2h8Nnx8Y29sbGVnZXxlbnwwfHwwfHx8MA

%3D%3D" alt="Mountains" style="width:100%" >

<div class="center">Best Engineering College</div>

<div class="cent">An Autonomous Institution, Affiliated to Anna University.</div>

<div class="cen">College is an educational school where people go to learn and earn an academic degree upon graduation. The requirement to enter college is different in different countries, but in most countries, the student must have a high school diploma or equivalent

</div>

</div>

<div class="row">

<div class="column">

<img class="A1" src="https://t4.ftcdn.net/jpg/05/39/10/47/360\_F\_539104776\_BchIZKRhIUXDY0ZaVHxaoI DvRa2eAG3d.jpg" alt="Snow" style="width:90%">

<div class="hw">Students</div>

</div>

<div class="column">

<img class="A1" src="https://jeppiaarcollege.org/jeppiaar/wp- content/uploads/2018/03/INFRASTRUCTURE-ABOUTUS.jpg" alt="Forest" style="width:90%">

<div class="hw">Infrastructure</div>

</div>

<div class="column">

<img class="A1" src="https://npsschool.in/wp-content/uploads/2021/07/Computer- Lab.webp" alt="Mountains" style="width:90%">

<div class="hw">Labs and Classes</div>

</div>

</div>

</body>

</html> About.html:

<!DOCTYPE html>

<html lang="en">

<head>

<title> BEC</title>

</head><title> BEC</title>

<style>

.topnav {

background-color: #cfcccc; overflow:auto;

}

/\* Style the links inside the navigation bar \*/

.topnav a { float: left;

color:rgb(14, 14, 44); text-align: center; padding: 14px 16px; text-decoration:double; font-weight: bold;

font-size: 22px;

}

/\* Change the color of links on hover\*/

.topnav a:hover { background-color: #ddd; color: black;

}

/\* Create a right-aligned (split) link inside the navigation bar \*/

.topnav a.split { float: right;

background-color: #76b98d; color: rgb(255, 255, 255);

}

.center {

position: absolute; top: 100px;

right: 570px; font-size: 32px;

text-align: center;

font-weight: bolder; color:rgb(14, 14, 44) ;

}

.column { float: right; width: 32%; padding: 2px;

padding-top: 50px;

}

img { opacity: 0.8;

border-radius: 8px;

}

/\*img:hover { opacity: 1.0;

}\*/

.hw{

text-align: center; font-size:25px; font-weight: bold;

color:rgb(14, 14, 44); overflow: auto; padding-bottom: 50px;

}

.cen{

position: absolute; top: 850px;

right: 100px; left:100px;

font-size: 28px; text-align: center; font-weight:500;

color:rgb(242, 242, 246) ;

}

.cent{

position: absolute; top: 135px;

right: 500px; font-size: 20px;

font-weight: lighter; text-align: center; color:rgb(30, 30, 102) ;

}

.A1{

opacity: 1.0;

}

</style>

<body>

<div class="topnav">

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

<a href="about.html">About</a>

<a href="contact.html">News</a>

<a href="#contact">Contact</a>

<a href="#news" class="split">Help</a>

</div>

<div>

<img src="https://images.unsplash.com/photo-1562774053- 701939374585?q=80&w=1000&auto=format&fit=crop&ixlib=rb- 4.0.3&ixid=M3wxMjA3fDB8MHxzZWFyY2h8Nnx8Y29sbGVnZXxlbnwwfHwwfHx8MA

%3D%3D" alt="Mountains" style="width:100%" >

<div class="center">Best Engineering College</div>

<div class="cent">An Autonomous Institution, Affiliated to Anna University.</div>

<div class="cen">College is an educational school where people go to learn and earn an academic degree upon graduation. The requirement to enter college is different in different countries, but in most countries, the student must have a high school diploma or equivalent

</div>

</div>

<div class="row">

<div class="column">

<img class="A1" src="https://t4.ftcdn.net/jpg/05/39/10/47/360\_F\_539104776\_BchIZKRhIUXDY0ZaVHxaoI DvRa2eAG3d.jpg" alt="Snow" style="width:90%">

<div class="hw">Students</div>

</div>

<div class="column">

<img class="A1" src="https://jeppiaarcollege.org/jeppiaar/wp- content/uploads/2018/03/INFRASTRUCTURE-ABOUTUS.jpg" alt="Forest" style="width:90%">

<div class="hw">Infrastructure</div>

</div>

<div class="column">

<img class="A1" src="https://npsschool.in/wp-content/uploads/2021/07/Computer- Lab.webp" alt="Mountains" style="width:90%">

<div class="hw">Labs and Classes</div>

</div>

</div>

</body>

</html> News.html:

<!DOCTYPE html>

<html lang="en">

<head>

<title>News</title>

</head>

<style>

body{

background-color: white;

}

p{

padding-inline-start: 30px;

font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif; color:rgb(14, 14, 44);

font-size: medium; text-align: justify;

}

.hw{

text-align: center; font-size:25px; font-weight: bold;

color:rgb(14, 14, 44); overflow: auto; padding-bottom: 50px;

}

.column { float: right; width: 32%; padding: 2px;

padding-top: 50px;

}

</style>

<body>

<h1>News:</h1>

<p>There has also been a recent trend to rename or create government secondary

schools as "colleges". In the state of Victoria, some state high schools are referred to as secondary colleges, although the pre-eminent government secondary school for boys in Melbourne is still named Melbourne High School. In Western Australia, South Australia and the Northern Territory, "college" is used in the name of all state high schools built since the late 1990s, and also some older ones. In New South Wales, some high schools, especially multi-campus schools resulting from mergers, are known as "secondary colleges". In Queensland some newer schools which accept primary and high school students are styled state college, but state schools offering only secondary education are called "State High School". In Tasmania and the Australian Capital Territory, "college" refers to the final two years of high school (years 11 and 12), and the institutions which provide this. In this context, "college" is a system independent of the other years of high school. Here, the expression is a shorter version of matriculation college.</p>

</body>

<div class="row">

<div class="column">

<img class="A1" src="https://files.delhievents.com/images/events/2018/february/R-K- Films-Media-Festival-2018-Creative.jpg" alt="Snow" style="width:90%">

<div class="hw">Students</div>

</div>

<div class="column">

<img class="A1" src="https://i.pinimg.com/originals/e1/c2/d0/e1c2d08481d6a8b2954078d3bb7d8ef4.jpg" alt="Forest" style="width:90%">

<div class="hw">Infrastructure</div>

</div>

<div class="column">

<img class="A1" src="https://pbs.twimg.com/media/DMZaNJJW4AA25Ak.jpg" alt="Mountains" style="width:90%">

<div class="hw">Labs and Classes</div>

</div>

</div>

</html>

**Style.css:**

.Content{margin-left:0px; Display:flex;

Flex direction:row;}

**EX:3**

Reg.html:

<!DOCTYPE html>

<html lan="en">

<head>

<title>Regform</title>

</head>

<style>

.registration-form { width: 100%;

max-width: 400px; margin: 0 auto; top:100px;

}

.registration-form input[type="text"], .registration-form input[type="email"], .registration- form input[type="password"] {

width: 100%; padding: 15px; margin-bottom: 10px; border-radius: 5px;

border: 1px solid #ccc;

}

.registration-form input[type="submit"] { width: 100%;

padding: 15px;

background-color: #4CAF50; color: white;

border: none;

border-radius: 5px; cursor: pointer;

}

@media (max-width: 600px) {

.registration-form input[type="text"], .registration-form input[type="email"], .registration- form input[type="password"] {

width: 100%;

}

}

p{

text-align: center; font-weight:bold ; font-size: larger; color:blue;

}

</style>

<body>

<div class="back">

<img src="https://images.unsplash.com/photo-1562774053- 701939374585?q=80&w=1000&auto=format&fit=crop&ixlib=rb- 4.0.3&ixid=M3wxMjA3fDB8MHxzZWFyY2h8Nnx8Y29sbGVnZXxlbnwwfHwwfHx8MA

%3D%3D" alt="Mountains" style="width:100%" opacity="0.5">

</div>

<form class="registration-form">

<p>Registeration Form</p>

<label for="first"><b>First Name:</b></label>

<input type="text" name="first" placeholder="First Name" required>

<label for="last"><b>Last Name:</b></label>

<input type="text" name="last" placeholder="Last Name" required>

<label for="dept"><b>Department:</b></label>

<input type="text" name="dept" placeholder="Department" required>

<label for="email"><b>Email Id:</b></label>

<input type="email" name="email" placeholder="Email" required>

<label for="pass"><b>PassWord:</b></label>

<input type="password" name="pass" placeholder="Password" required>

<input type="checkbox" required> I agree to the terms and conditions.

<br><br><br>

<input type="submit" value="Register">

</form>

</body>

</html>

**EX:4**

**add-author.html**

<!DOCTYPE html>

<html xmlns:th="http://www.thymeleaf.org">

<head>

<meta charset="utf-8">

<meta http-equiv="x-ua-compatible" content="ie=edge">

<title>Add Authors</title>

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

<link rel="stylesheet"

href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css">

<link rel="stylesheet"

href="https://use.fontawesome.com/releases/v5.4.1/css/all.css">

</head>

<body>

<div th:insert="comman/header :: header"></div>

<div class="container my-5">

<h3>Add Authors</h3>

<div class="card-body">

<div class="col-md-10">

<form action="#" th:action="@{/add-author}" th:object="${author}"

method="post">

<div class="row">

<div class="form-group col-md-8">

<label for="name" class="col-form-label">Author Name</label> <input

type="text" th:field="\*{name}" class="form-control" id="name"

placeholder="Author Name" />

</div>

<div class="form-group col-md-8">

<label for="description" class="col-form-label">Description</label>

<input type="text" th:field="\*{description}" class="form-control"

id="description" placeholder="Description" />

</div>

<div class="col-md-6">

<input type="submit" class="btn btn-success" value=" Submit ">

</div>

</div>

</form>

</div>

</div>

</div>

<div th:insert="comman/footer :: footer"></div>

</body>

</html>

**Update-category.html**

<!DOCTYPE html>

<html xmlns:th="http://www.thymeleaf.org">

<head>

<meta charset="utf-8">

<meta http-equiv="x-ua-compatible" content="ie=edge">

<title>Update Category</title>

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

<link rel="stylesheet"

href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css">

<link rel="stylesheet"

href="https://use.fontawesome.com/releases/v5.4.1/css/all.css">

</head>

<body>

<div th:insert="comman/header :: header"></div>

<div class="container my-5">

<h3>Update Category</h3>

<div class="card">

<div class="card-body">

<div class="col-md-10">

<form action="#"

th:action="@{/update-category/{id}(id=${category.id})}"

th:object="${category}" method="post">

<div class="row">

<div class="form-group col-md-8">

<label for="name" class="col-form-label">Category Name</label> <input

type="text" th:field="\*{name}" class="form-control" id="name"

placeholder="Category Name" />

</div>

<div class="col-md-6">

<input type="submit" class="btn btn-success" value=" Submit ">

</div>

</div>

</form>

</div>

</div>

</div>

</div>

<div th:insert="comman/footer :: footer"></div>

</body>

</html>

**Update-book.html**

<!DOCTYPE html>

<html xmlns:th="http://www.thymeleaf.org">

<head>

<meta charset="utf-8">

<meta http-equiv="x-ua-compatible" content="ie=edge">

<title>Update Book</title>

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

<link rel="stylesheet"

href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css">

<link rel="stylesheet"

href="https://use.fontawesome.com/releases/v5.4.1/css/all.css">

</head>

<body>

<div th:insert="comman/header :: header"></div>

<div class="container my-5">

<h3>Update Book</h3>

<div class="card">

<div class="card-body">

<div class="col-md-10">

<form action="#" th:action="@{/update-book/{id}(id=${book.id})}"

th:object="${book}" method="post">

<div class="row">

<div class="form-group col-md-8">

<label for="isbn" class="col-form-label">ISBN</label> <input

type="text" th:field="\*{isbn}" class="form-control" id="isbn"

placeholder="ISBN" /> <span

th:if="${#fields.hasErrors('isbn')}" th:errors="\*{isbn}"></span>

</div>

<div class="form-group col-md-8">

<label for="name" class="col-form-label">Book Name</label> <input

type="text" th:field="\*{name}" class="form-control" id="name"

placeholder="Book Name" />

</div>

<div class="form-group col-md-8">

<label for="serialName" class="col-form-label">Serial

Name </label> <input type="text" th:field="\*{serialName}"

class="form-control" id="serialName" placeholder="Serial Name" />

</div>

<div class="form-group col-md-8">

<label for="description" class="col-form-label">Description</label>

<input type="text" th:field="\*{description}"

class="form-control" id="description" placeholder="Description" />

</div>

<div class="col-md-6">

<input type="submit" class="btn btn-success" value=" Submit ">

</div>

</div>

</form>

</div>

</div>

</div>

</div>

<div th:insert="comman/footer :: footer"></div>

</body>

</html>

**Update-publisher.html:**

<!DOCTYPE html>

<html xmlns:th="http://www.thymeleaf.org">

<head>

<meta charset="utf-8">

<meta http-equiv="x-ua-compatible" content="ie=edge">

<title>Update Publisher</title>

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

<link rel="stylesheet"

href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css">

<link rel="stylesheet"

href="https://use.fontawesome.com/releases/v5.4.1/css/all.css">

</head>

<body>

<div th:insert="comman/header :: header"></div>

<div class="container my-5">

<h3>Update Publisher</h3>

<div class="card">

<div class="card-body">

<div class="col-md-10">

<form action="#"

th:action="@{/update-publisher/{id}(id=${publisher.id})}"

th:object="${publisher}" method="post">

<div class="row">

<div class="form-group col-md-8">

<label for="name" class="col-form-label">Publisher Name</label>

<input type="text" th:field="\*{name}" class="form-control"

id="name" placeholder="Publisher Name" />

</div>

<div class="col-md-6">

<input type="submit" class="btn btn-success" value=" Submit ">

</div>

</div>

</form>

</div>

</div>

</div>

</div>

<div th:insert="comman/footer :: footer"></div>

</body>

</html>

**Update-author.html:**

<!DOCTYPE html>

<html xmlns:th="http://www.thymeleaf.org">

<head>

<meta charset="utf-8">

<meta http-equiv="x-ua-compatible" content="ie=edge">

<title>Update Author</title>

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

<link rel="stylesheet"

href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css">

<link rel="stylesheet"

href="https://use.fontawesome.com/releases/v5.4.1/css/all.css">

</head>

<body>

<div th:insert="comman/header :: header"></div>

<div class="container my-5">

<h3>Update Author</h3>

<div class="card">

<div class="card-body">

<div class="col-md-10">

<form action="#"

th:action="@{/update-author/{id}(id=${author.id})}"

th:object="${author}" method="post">

<div class="row">

<div class="form-group col-md-8">

<label for="name" class="col-form-label">Author Name</label> <input

type="text" th:field="\*{name}" class="form-control" id="name"

placeholder="Author Name" />

</div>

<div class="form-group col-md-8">

<label for="description" class="col-form-label">Description</label>

<input type="text" th:field="\*{description}"

class="form-control" id="description" placeholder="Description" />

</div>

<div class="col-md-6">

<input type="submit" class="btn btn-success" value=" Submit ">

</div>

</div>

</form>

</div>

</div>

</div>

</div>

<div th:insert="comman/footer :: footer"></div>

</body>

</html>

**List-author.html:**

<!DOCTYPE html>

<html xmlns:th="http://www.thymeleaf.org">

<head>

<meta charset="UTF-8">

<meta http-equiv="x-ua-compatible" content="ie=edge">

<title>All Authors</title>

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

<link rel="stylesheet"

href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css">

<link rel="stylesheet"

href="https://use.fontawesome.com/releases/v5.4.1/css/all.css">

</head>

<body>

<div th:insert="comman/header :: header"></div>

<div class="container my-2">

<div th:switch="${authors}" class="container my-5">

<p class="my-5">

<a href="/addAuthor" class="btn btn-dark"> <i

class="fas fa-user-plus ml-2"> Add Authors </i></a>&nbsp;&nbsp;<a

href="/export/all-author" class="btn btn-info"> <i

class="fas fa-file-csv ml-2"> Export CSV </i></a>

</p>

<div class="col-md-12">

<h2 th:case="null">No record found !!</h2>

<div th:case="\*">

<table class="table table-bordered">

<thead>

<tr>

<th>Author Name</th>

<th>Description</th>

<th>Edit</th>

<th>Delete</th>

</tr>

</thead>

<tbody>

<tr th:each="author : ${authors}">

<td th:text="${author.name}"></td>

<td th:text="${author.description}"></td>

<td><a th:href="@{/updateAuthor/{id}(id=${author.id})}"

class="btn btn-warning"><i class="fas fa-user-edit ml-2"></i></a></td>

<td><a th:href="@{/remove-author/{id}(id=${author.id})}"

class="btn btn-danger"><i class="fas fa-user-times ml-2"></i></a></td>

</tr>

</tbody>

</table>

<div th:if="${authors.totalPages > 0}" class="pagination"

th:each="pageNumber : ${pageNumbers}">

<a th:href="@{/authors(size=${authors.size}, page=${pageNumber})}"

th:text=${pageNumber}

th:class="${pageNumber==authors.number + 1} ? active"></a>

</div>

</div>

</div>

</div>

</div>

<div th:insert="comman/footer :: footer">Abilasha</div>

</body>

</html>

**List-categories.html:**

<!DOCTYPE html>

<html xmlns:th="http://www.thymeleaf.org">

<head>

<meta charset="UTF-8">

<meta http-equiv="x-ua-compatible" content="ie=edge">

<title>All Categories</title>

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

<link rel="stylesheet"

href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css">

<link rel="stylesheet"

href="https://use.fontawesome.com/releases/v5.4.1/css/all.css">

</head>

<body>

<div th:insert="comman/header :: header"></div>

<div class="container my-2">

<div th:switch="${categories}" class="container my-5">

<p class="my-5">

<a href="/addCategory" class="btn btn-dark"> <i

class="fas fa-user-plus ml-2"> Add Category </i></a>&nbsp;&nbsp;<a

href="/export/all-category" class="btn btn-info"> <i

class="fas fa-file-csv ml-2"> Export CSV </i></a>

</p>

<div class="col-md-12">

<h2 th:case="null">No record found !!</h2>

<div th:case="\*">

<table class="table table-bordered">

<thead>

<tr>

<th>Category Name</th>

<th>Edit</th>

<th>Delete</th>

</tr>

</thead>

<tbody>

<tr th:each="category : ${categories}">

<td th:text="${category.name}"></td>

<td><a th:href="@{/updateCategory/{id}(id=${category.id})}"

class="btn btn-warning"><i class="fas fa-user-edit ml-2"></i></a></td>

<td><a

th:href="@{/remove-category/{id}(id=${category.id})}"

class="btn btn-danger"><i class="fas fa-user-times ml-2"></i></a></td>

</tr>

</tbody>

</table>

</div>

</div>

</div>

</div>

<div th:insert="comman/footer :: footer"></div>

</body>

</html>

**List-books.html:**

<!DOCTYPE html>

<html xmlns:th="http://www.thymeleaf.org">

<head>

<meta charset="UTF-8">

<meta http-equiv="x-ua-compatible" content="ie=edge">

<title>All Books</title>

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

<link rel="stylesheet"

href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css">

<link rel="stylesheet"

href="https://use.fontawesome.com/releases/v5.4.1/css/all.css">

</head>

<body>

<div th:insert="comman/header :: header"></div>

<div class="container my-2">

<div th:switch="${books}" class="container my-5">

<p class="my-5">

<a href="/add" class="btn btn-dark"> <i

class="fas fa-user-plus ml-2"> Add Book </i></a>&nbsp;&nbsp;<a

href="/export/all-book" class="btn btn-info"> <i

class="fas fa-file-csv ml-2"> Export CSV </i></a>

</p>

<div class="col-md-12">

<h2 th:case="null">No record found !!</h2>

<div th:case="\*">

<table class="table table-bordered">

<thead>

<tr>

<th>ISBN</th>

<th>Book Name</th>

<th>Serial Name</th>

<th>Description</th>

<th>Detail</th>

<th>Edit</th>

<th>Delete</th>

</tr>

</thead>

<tbody>

<tr th:each="book : ${books}">

<td th:text="${book.isbn}"></td>

<td th:text="${book.name}"></td>

<td th:text="${book.serialName}"></td>

<td th:text="${book.description}"></td>

<td><a th:href="@{/book/{id}(id=${book.id})}"

class="btn btn-info"><i class="fas fa-marker ml-2"></i></a></td>

<td><a th:href="@{/update/{id}(id=${book.id})}"

class="btn btn-warning"><i class="fas fa-user-edit ml-2"></i></a></td>

<td><a th:href="@{/remove-book/{id}(id=${book.id})}"

class="btn btn-danger"><i class="fas fa-user-times ml-2"></i></a></td>

</tr>

</tbody>

</table>

<div th:if="${books.totalPages > 0}" class="pagination"

th:each="pageNumber : ${pageNumbers}">

<a th:href="@{/books(size=${books.size}, page=${pageNumber})}"

th:text=${pageNumber}

th:class="${pageNumber==books.number + 1} ? active"></a>

</div>

</div>

</div>

</div>

</div>

<div th:insert="comman/footer :: footer"></div>

</body>

</html>

**List-publishers.html:**

<!DOCTYPE html>

<html xmlns:th="http://www.thymeleaf.org">

<head>

<meta charset="UTF-8">

<meta http-equiv="x-ua-compatible" content="ie=edge">

<title>All Publishers</title>

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

<link rel="stylesheet"

href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css">

<link rel="stylesheet"

href="https://use.fontawesome.com/releases/v5.4.1/css/all.css">

</head>

<body>

<div th:insert="comman/header :: header"></div>

<div class="container my-2">

<div th:switch="${publishers}" class="container my-5">

<p class="my-5">

<a href="/addPublisher" class="btn btn-dark"> <i

class="fas fa-user-plus ml-2"> Add Publisher </i></a> &nbsp;&nbsp;<a

href="/export/all-publisher" class="btn btn-info"> <i

class="fas fa-file-csv ml-2"> Export CSV </i></a>

</p>

<div class="col-md-12">

<h2 th:case="null">No record found !!</h2>

<div th:case="\*">

<table class="table table-bordered">

<thead>

<tr>

<th>Publisher Name</th>

<th>Edit</th>

<th>Delete</th>

</tr>

</thead>

<tbody>

<tr th:each="publisher : ${publishers}">

<td th:text="${publisher.name}"></td>

<td><a

th:href="@{/updatePublisher/{id}(id=${publisher.id})}"

class="btn btn-warning"><i class="fas fa-user-edit ml-2"></i></a></td>

<td><a

th:href="@{/remove-publisher/{id}(id=${publisher.id})}"

class="btn btn-danger"><i class="fas fa-user-times ml-2"></i></a></td>

</tr>

</tbody>

</table>

</div>

</div>

</div>

</div>

<div th:insert="comman/footer :: footer"></div>

</body>

</html>

**Add-category.html:**

<!DOCTYPE html>

<html xmlns:th="http://www.thymeleaf.org">

<head>

<meta charset="utf-8">

<meta http-equiv="x-ua-compatible" content="ie=edge">

<title>Add Category</title>

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

<link rel="stylesheet"

href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css">

<link rel="stylesheet"

href="https://use.fontawesome.com/releases/v5.4.1/css/all.css">

</head>

<body>

<div th:insert="comman/header :: header"></div>

<div class="container my-5">

<h3>Add Category</h3>

<div class="card">

<div class="card-body">

<div class="col-md-10">

<form action="#" th:action="@{/add-category}"

th:object="${category}" method="post">

<div class="row">

<div class="form-group col-md-8">

<label for="name" class="col-form-label">Category Name</label> <input

type="text" th:field="\*{name}" class="form-control" id="name"

placeholder="Category Name" />

</div>

<div class="col-md-6">

<input type="submit" class="btn btn-success" value=" Submit ">

</div>

</div>

</form>

</div>

</div>

</div>

</div>

<div th:insert="comman/footer :: footer"></div>

</body>

</html>

**Login.html:**

<!DOCTYPE html>

<html xmlns:th="http://www.thymeleaf.org">

<head>

<meta charset="utf-8">

<meta http-equiv="x-ua-compatible" content="ie=edge">

<title>Login</title>

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

<link rel="stylesheet"

href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css">

<link rel="stylesheet"

href="https://use.fontawesome.com/releases/v5.4.1/css/all.css">

</head>

<body>

<div th:insert="comman/header :: header"></div>

<br>

<br>

<br>

<br>

<div class="container">

<div class="row">

<div class="col-md-6 col-md-offset-3">

<h1>Admin Login Page</h1>

<form th:action="@{/login}" method="post">

<!-- error message -->

<div th:if="${param.error}">

<div class="alert alert-danger">Invalid username or

password.</div>

</div>

<!-- logout message -->

<div th:if="${param.logout}">

<div class="alert alert-info">You have been logged out.</div>

</div>

<div class="form-group">

<label for="username"> Username </label> : <input type="text"

class="form-control" id="username" name="username"

placeholder="Enter Email ID" autofocus="autofocus">

</div>

<div class="form-group">

<label for="password">Password</label>: <input type="password"

id="password" name="password" class="form-control"

placeholder="Enter Password" />

</div>

<div class="form-group">

<div class="row">

<div class="col-sm-6 col-sm-offset-3">

<input type="submit" name="login-submit" id="login-submit"

class="form-control btn btn-success" value="Log In" />

</div>

</div>

</div>

</form>

</div>

</div>

</div>

<div th:insert="comman/footer :: footer"></div>

</body>

</html>

**Add-book.html:**

<!DOCTYPE html>

<html xmlns:th="http://www.thymeleaf.org">

<head>

<meta charset="utf-8">

<meta http-equiv="x-ua-compatible" content="ie=edge">

<title>Add Book</title>

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

<link rel="stylesheet"

href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css">

<link rel="stylesheet"

href="https://use.fontawesome.com/releases/v5.4.1/css/all.css">

</head>

<body>

<div th:insert="comman/header :: header"></div>

<div class="container my-5">

<h3>Add Book</h3>

<div class="card">

<div class="card-body">

<div class="col-md-10">

<form action="#" th:action="@{/add-book}" th:object="${book}"

method="post">

<div class="row">

<div class="form-group col-md-8">

<label for="isbn" class="col-form-label">ISBN</label> <input

type="text" th:field="\*{isbn}" class="form-control" id="isbn"

placeholder="ISBN" /> <span

th:if="${#fields.hasErrors('isbn')}" th:errors="\*{isbn}"></span>

</div>

<div class="form-group col-md-8">

<label for="name" class="col-form-label">Book Name</label> <input

type="text" th:field="\*{name}"

class="form-control" id="name"

placeholder="Book Name" />

</div>

<div class="form-group col-md-8">

<label for="serialName" class="col-form-label">SerialName

</label> <input type="text" th:field="\*{serialName}"

class="form-control" id="serialName" placeholder="Serial Name" />

</div>

<div class="form-group col-md-8">

<label for="description" class="col-form-label">Description</label>

<input type="text" th:field="\*{description}"

class="form-control" id="description" placeholder="Description" />

</div>

<div class="form-group col-md-8">

<label for="category" class="col-form-label">Category</label> <select

th:field="\*{categories}" class="form-control">

<option th:each="category: ${categories}"

th:value="${category.id}" th:text="${category.name}"></option>

</select>

</div>

<div class="form-group col-md-8">

<label for="author" class="col-form-label">Author</label> <select

th:field="\*{authors}" class="form-control">

<option th:each="author: ${authors}" th:value="${author.id}"

th:text="${author.name}"></option>

</select>

</div>

<div class="form-group col-md-8">

<label for="publisher" class="col-form-label">Publisher</label>

<select th:field="\*{publishers}" class="form-control">

<option th:each="publisher: ${publishers}"

th:value="${publisher.id}"

th:text="${publisher.name}"></option>

</select>

</div>

<div class="col-md-6">

<input type="submit" class="btn btn-success" value=" Submit ">

</div>

</div>

</form>

</div>

</div>

</div>

</div>

<div th:insert="comman/footer :: footer"></div>

</body>

</html>

**Add-publisher.html:**

<!DOCTYPE html>

<html xmlns:th="http://www.thymeleaf.org">

<head>

<meta charset="utf-8">

<meta http-equiv="x-ua-compatible" content="ie=edge">

<title>Add Publisher</title>

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

<link rel="stylesheet"

href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css">

<link rel="stylesheet"

href="https://use.fontawesome.com/releases/v5.4.1/css/all.css">

</head>

<body>

<div th:insert="comman/header :: header"></div>

<div class="container my-5">

<h3>Add Publisher</h3>

<div class="card">

<div class="card-body">

<div class="col-md-10">

<form action="#" th:action="@{/add-publisher}"

th:object="${publisher}" method="post">

<div class="row">

<div class="form-group col-md-8">

<label for="name" class="col-form-label">Publisher Name</label>

<input type="text" th:field="\*{name}" class="form-control"

id="name" placeholder="Publisher Name" />

</div>

<div class="col-md-6">

<input type="submit" class="btn btn-success" value=" Submit ">

</div>

</div>

</form>

</div>

</div>

</div>

</div>

<div th:insert="comman/footer :: footer"></div>

</body>

</html>\

**List-book.html:**

<!DOCTYPE html>

<html xmlns:th="http://www.thymeleaf.org">

<head>

<meta charset="UTF-8">

<meta http-equiv="x-ua-compatible" content="ie=edge">

<title>All Books</title>

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

<link rel="stylesheet"

href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css">

<link rel="stylesheet"

href="https://use.fontawesome.com/releases/v5.4.1/css/all.css">

</head>

<body>

<div th:insert="comman/header :: header"></div>

<div class="container my-2">

<div class="card">

<div class="card-body">

<div class="container my-5">

<div class="col-md-12">

<div>

<table class="table table-striped table-responsive-md">

<thead>

<tr>

<th>ISBN</th>

<th>Category Name</th>

<th>Book Name</th>

<th>Author Name</th>

<th>Publisher Name</th>

<th>Serial Name</th>

<th>Description</th>

</tr>

</thead>

<tbody>

<tr>

<td th:text="${book.isbn}"></td>

<td th:text="${book.categories[0].name}"></td>

<td th:text="${book.name}"></td>

<td th:text="${book.authors[0].name}"></td>

<td th:text="${book.publishers[0].name}"></td>

<td th:text="${book.serialName}"></td>

<td th:text="${book.description}"></td>

</tr>

</tbody>

</table>

</div>

</div>

</div>

</div>

</div>

</div>

<div th:insert="comman/footer :: footer"></div>

</body>

</html>

**Footer.html:**

<!DOCTYPE html>

<html xmlns:th="http://www.thymeleaf.org">

<head>

<meta charset="UTF-8">

<meta http-equiv="x-ua-compatible" content="ie=edge">

<title>Footer</title>

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

<link rel="stylesheet"

href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css">

<link rel="stylesheet"

href="https://use.fontawesome.com/releases/v5.4.1/css/all.css">

</head>

<body>

<!-- Footer -->

<footer class="page-footer font-small blue pt-4">

<!-- Copyright -->

<div class="footer-copyright text-center py-3">

Done by R Abilasha

</div>

<!-- Copyright -->

</footer>

<!-- Footer -->

</body>

</html>

**Header.html:**

<!DOCTYPE html>

<html xmlns:th="http://www.thymeleaf.org">

<head>

<meta charset="UTF-8">

<meta http-equiv="x-ua-compatible" content="ie=edge">

<title>Header</title>

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

<link rel="stylesheet"

href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css">

<link rel="stylesheet"

href="https://use.fontawesome.com/releases/v5.4.1/css/all.css">

</head>

<body>

<nav th:fragment="header"

class="navbar navbar-expand-sm bg-info navbar-light">

<a class="navbar-brand" href="#">Library Management System</a>

<button class="navbar-toggler" type="button" data-toggle="collapse"

data-target="#navbarNav">

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

</button>

<div class="collapse navbar-collapse" id="navbarNav">

<ul class="navbar-nav mr-auto">

<li class="nav-item" sec:authorize="isAuthenticated()"><a

class="nav-link" href="/books">Books</a></li>

<li class="nav-item" sec:authorize="isAuthenticated()"><a

class="nav-link" href="/authors">Authors</a></li>

<li class="nav-item" sec:authorize="isAuthenticated()"><a

class="nav-link" href="/publishers">Publisher</a></li>

<li class="nav-item" sec:authorize="isAuthenticated()"><a

class="nav-link" href="/categories">Category</a></li>

</ul>

<ul class="navbar-nav">

<li class="nav-item" sec:authorize="isAuthenticated()"><a

class="nav-link" th:href="@{/logout}">Logout</a></li>

</ul>

</div>

</nav>

</body>

</html>

**EX:5**

ndex.html

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Banking Application</title>

</head>

<body>

<h1 align=*"center"*>Banking Application</h1>

<hr />

<a href=*"Customer.html"*>Customer Details</a>

<br />

<br />

<a href=*"Account.html"*>Account Details</a>

</body>

</html>

Customer.html

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Customer Details</title>

</head>

<body>

<h1 align=*"center"*>Customer Details</h1>

<hr />

<form action=*"AddCustomer"* method=*"post"*>

<table>

<tr>

</tr>

<tr>

</tr>

<tr>

</tr>

</table>

<td>Customer Id. :</td>

<td><input type=*"text"* name=*"cid"*></td>

<td>Customer Name :</td>

<td><input type=*"text"* name=*"cname"*></td>

<td colspan=*"2"* align=*"center"*><input type=*"submit"* value=*"Add Customer"*></td>

<br /> <a href=*"ViewCustomers"*>View All Customers</a>

</form>

</body>

</html>

AddCustomer.java

**import** java.io.IOException; **import** java.io.PrintWriter; **import** java.sql.Connection; **import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** javax.servlet.ServletException; **import** javax.servlet.annotation.WebServlet; **import** javax.servlet.http.HttpServlet; **import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class AddCustomer

\*/ @WebServlet("/AddCustomer")

**public class** AddCustomer **extends** HttpServlet { **private static final long *serialVersionUID*** = 1L; Connection conn = **null**;

PreparedStatement ps = **null**;

/\*\*

\* **@see** HttpServlet#doPost(HttpServletRequest request, HttpServletResponse

\* response)

\*/

**protected void** doPost(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException {

// **TODO** Auto-generated method stub response.setContentType("text/html"); PrintWriter out = response.getWriter(); out.println("<html>");

out.println("<head><title>Add Customer Details</title></head>"); out.println("<body>");

out.println("<h1 align='center'>Add Customer Details</h1>"); out.println("<hr />");

try {

Class.*forName*("com.mysql.cj.jdbc.Driver");

String URL = "jdbc:mysql://localhost:3306/banking";

conn = DriverManager.*getConnection*(URL, "root", "admin");

ps = conn.prepareStatement("insert customer values (?, ?)"); ps.setInt(1, Integer.*parseInt*(request.getParameter("cid"))); ps.setString(2, request.getParameter("cname"));

**int** res = ps.executeUpdate();

**if (res != 0)**

out.println("Customer Details Inserted Successfully...");

else

out.println("Customer Details Insertion Failure...");

ps.close();

conn.close();

} **catch** (Exception e) { out.println(e);

}

out.println("<br />");

out.println("<a href='Customer.html'>Back</a>"); out.println("</body></html>");

}

}

**ViewCustomers.java**

**import** java.io.IOException; **import** java.io.PrintWriter; **import** java.sql.Connection; **import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.ResultSet;

**import** javax.servlet.ServletException; **import** javax.servlet.annotation.WebServlet; **import** javax.servlet.http.HttpServlet; **import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class ViewCustomers

\*/ @WebServlet("/ViewCustomers")

**public class** ViewCustomers **extends** HttpServlet { **private static final long *serialVersionUID*** = 1L; Connection conn = **null**;

PreparedStatement ps = **null**; ResultSet rs = **null**;

/\*\*

\* **@see** HttpServlet#doPost(HttpServletRequest request, HttpServletResponse

\* response)

\*/

**protected void** doGet(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException {

// **TODO** Auto-generated method stub response.setContentType("text/html"); PrintWriter out = response.getWriter(); out.println("<html>"); out.println("<head><title>View All Customer Details</title></head>"); out.println("<body>");

out.println("<h1 align='center'>View All Customer Details</h1>"); out.println("<hr />");

try {

Class.*forName*("com.mysql.cj.jdbc.Driver");

String URL = "jdbc:mysql://localhost:3306/banking";

conn = DriverManager.*getConnection*(URL, "root", "admin"); ps = conn.prepareStatement("select \* from customer order by cid");

rs = ps.executeQuery(); out.println("<table border='1'>"); out.println("<tr>"); out.println("<td>Customer Id.</td>"); out.println("<td>Customer Name</td>"); out.println("<td>Edit</td>"); out.println("<td>Delete</td>"); out.println("</tr>");

**while** (rs.next()) {

out.println("<tr>");

out.println("<td>" + rs.getInt("cid") + "</td>"); out.println("<td>" + rs.getString("cname") + "</td>"); out.println("<td><a href='EditCustomer?cid=" + rs.getInt("cid") + "'>Edit</a></td>"); out.println("<td><a href='DeleteCustomer?cid=" + rs.getInt("cid") + "'>Delete</a></td>"); out.println("</tr>");

}

out.println("</table>"); ps.close();

conn.close();

} **catch** (Exception e) { out.println(e);

}

out.println("<br />");

out.println("<a href='Customer.html'>Back</a>"); out.println("</body></html>");

}

}

**EditCsutomer.java**

**import** java.io.IOException; **import** java.io.PrintWriter; **import** java.sql.Connection; **import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.ResultSet;

**import** javax.servlet.ServletException; **import** javax.servlet.annotation.WebServlet; **import** javax.servlet.http.HttpServlet; **import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class EditCustomer

\*/ @WebServlet("/EditCustomer")

**public class** EditCustomer **extends** HttpServlet { **private static final long *serialVersionUID*** = 1L; Connection conn = **null**;

PreparedStatement ps = **null**; ResultSet rs = **null**;

/\*\*

\* **@see** HttpServlet#doGet(HttpServletRequest request, HttpServletResponse

\* response)

\*/

**protected void** doGet(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException {

// **TODO** Auto-generated method stub response.setContentType("text/html"); PrintWriter out = response.getWriter(); out.println("<html>");

out.println("<head><title>Edit Customer Details</title></head>"); out.println("<body>");

out.println("<h1 align='center'>Edit All Customer Details</h1>"); out.println("<hr />");

try {

Class.*forName*("com.mysql.cj.jdbc.Driver");

String URL = "jdbc:mysql://localhost:3306/banking";

conn = DriverManager.*getConnection*(URL, "root", "admin"); ps = conn.prepareStatement("select \* from customer where cid = ?");

ps.setInt(1,Integer.*parseInt*(request.getParameter(("cid")))); rs = ps.executeQuery();

rs.next();

out.println("<form action='UpdateCustomer' method='post'>"); out.println("<table>");

out.println("<tr>"); out.println("<td>Customer Id. :</td>");

out.println("<td><input type='text' name='cid' value='" + rs.getInt("cid") + "' readonly></td>"); out.println("</tr>");

out.println("<tr>");

out.println("<td>Customer Name :</td>"); out.println("<td><input type='text' name='cname' value='" + rs.getString("cname") + "'></td>");

out.println("</tr>"); out.println("<tr>");

out.println("<td colspan='2' align='center'><input type='submit' value='Update Customer'></td>"); out.println("</tr>");

out.println("</table>"); out.println("</form>"); ps.close();

conn.close();

} **catch** (Exception e) { out.println(e);

}

out.println("<br />");

out.println("<a href='ViewCustomers'>Back</a>"); out.println("</body></html>");

}

}

**UpdateCustomer.java**

**import** java.io.IOException; **import**

java.io.PrintWriter; **import** java.sql.Connection; **import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** javax.servlet.ServletException; **import** javax.servlet.annotation.WebServlet; **import** javax.servlet.http.HttpServlet; **import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class UpdateCustomer

\*/ @WebServlet("/UpdateCustomer")

**public class** UpdateCustomer **extends** HttpServlet { **private static final long *serialVersionUID*** = 1L; Connection conn = **null**;

PreparedStatement ps = **null**;

/\*\*

\* **@see** HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

**protected void** doPost(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException {

// **TODO** Auto-generated method stub response.setContentType("text/html"); PrintWriter out = response.getWriter(); out.println("<html>");

out.println("<head><title>Update Customer Details</title></head>"); out.println("<body>");

out.println("<h1 align='center'>Update Customer Details</h1>"); out.println("<hr />");

try {

Class.*forName*("com.mysql.cj.jdbc.Driver");

String URL = "jdbc:mysql://localhost:3306/banking";

conn = DriverManager.*getConnection*(URL, "root", "admin"); ps = conn.prepareStatement("update customer set cname = ? where cid = ?");

ps.setString(1, request.getParameter("cname")); ps.setInt(2, Integer.*parseInt*(request.getParameter("cid"))); **int** res = ps.executeUpdate();

**if (res != 0)**

out.println("Customer Details Updated Successfully...");

else

out.println("Customer Details Updation Failure...");

ps.close();

conn.close();

} **catch** (Exception e) { out.println(e);

}

out.println("<br />");

out.println("<a href='ViewCustomers'>Back</a>"); out.println("</body></html>");

}

}

**DeleteCustomer.java**

**import** java.io.IOException; **import** java.io.PrintWriter; **import** java.sql.Connection; **import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** javax.servlet.ServletException; **import** javax.servlet.annotation.WebServlet; **import** javax.servlet.http.HttpServlet; **import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class DeleteCustomer

\*/ @WebServlet("/DeleteCustomer")

**public class** DeleteCustomer **extends** HttpServlet { **private static final long *serialVersionUID*** = 1L; Connection conn = **null**;

PreparedStatement ps = **null**;

/\*\*

\* **@see** HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

**protected void** doGet(HttpServletRequest request, HttpServletResponse response) **throws** ServletException, IOException {

// **TODO** Auto-generated method stub response.setContentType("text/html"); PrintWriter out = response.getWriter(); out.println("<html>");

out.println("<head><title>Delete Customer Details</title></head>"); out.println("<body>");

out.println("<h1 align='center'>Delete Customer Details</h1>"); out.println("<hr />");

try {

Class.*forName*("com.mysql.cj.jdbc.Driver");

String URL = "jdbc:mysql://localhost:3306/banking";

conn = DriverManager.*getConnection*(URL, "root", "admin");

ps = conn.prepareStatement("delete from customer where cid =

?");

ps.setInt(1, Integer.*parseInt*(request.getParameter("cid")));

**int** res = ps.executeUpdate();

**if (res != 0)**

out.println("Customer Details Deleted uccessfully...");

else

out.println("Customer Details Deletion Failure...");

ps.close();

conn.close();

} **catch** (Exception e) { out.println(e);

}

out.println("<br />");

out.println("<a href='ViewCustomers'>Back</a>"); out.println("</body></html>");

}

}

**EX:6**

config.php

<?php

$databaseHost = 'localhost';

$databaseName = 'rec';

$databaseUsername = 'root';

$databasePassword = 'admin';

$mysqli = mysqli\_connect($databaseHost, $databaseUsername,

$databasePassword, $databaseName);

?>

index.php

<?php

//including the database connection file include\_once("config.php");

//fetching data in descending order (lastest entry first)

$result=mysqli\_query($mysqli, "SELECT \* FROM empdetails ORDER BY empid DESC");

?>

<html>

<head>

<title>Homepage</title>

</head>

<body>

<h1 align="center">Employee Details</h1>

<hr />

<a href="add.html">Add New Data</a><br/><br/>

<table width='100%' border=0>

<tr bgcolor='#CCCCCC'>

<td>Employee Id.</td>

<td>Name</td>

<td>Designation</td>

<td>Department</td>

<td>DOJ</td>

<td>Salary</td>

<td>Edit / Delete</td>

</tr>

<?php

while($res = mysqli\_fetch\_array($result)) { echo "<tr>";

echo "<td>".$res['empid']."</td>";

echo "<td>".$res['ename']."</td>";

echo "<td>".$res['desig']."</td>";

echo "<td>".$res['dept']."</td>";

echo "<td>".$res['doj']."</td>";

echo "<td>".$res['salary']."</td>";

echo "<td><a href='edit.php?empid=$res[empid]'>Edit</a>";

echo " | <a href='delete.php?empid=$res[empid]'>Delete</a></td>"; echo "</tr>";

}

?>

</table>

</body>

</html>

add.html

<html>

<head>

<title>Add Employee Details</title>

</head>

<body>

<h1 align="center">Add Employee Details</h1>

<hr />

<a href="index.php">Home</a>

<br /><br />

<form action="add.php" method="post" name="form1">

<table width="25%" border="0">

<tr>

<td>Employee Id. : </td>

<td><input type="text" name="empid"></td>

</tr>

<tr>

<td>Name : </td>

<td><input type="text" name="ename"></td>

</tr>

<tr>

<td>Designation : </td>

<td><input type="text" name="desig"></td>

</tr>

<tr>

<td>Department</td>

<td><input type="text" name="dept"></td>

</tr>

<tr>

<td>DOJ</td>

<td><input type="text" name="doj"></td

</tr>

<tr>

<td>Salary</td>

<td><input type="text" name="salary"></td>

</tr>

<tr>

<td colspan="2" align="center"><input type="submit" name="Submit" value="Add"></td>

</tr>

</table>

</form>

</body>

</html>

add.php

<html>

<head>

<title>Add Employee Details</title>

</head>

<body>

<?php

//including the database connection file include\_once("config.php");

$empid = $\_POST['empid'];

$ename = $\_POST['ename'];

$desig = $\_POST['desig'];

$dept = $\_POST['dept'];

$doj = $\_POST['doj'];

$salary = $\_POST['salary'];

if(isset($\_POST['Submit'])) {

//insert data to database

$result = mysqli\_query($mysqli, "INSERT INTO empdetails values ($empid, '$ename','$desig','$dept','$doj',$salary)");

//display success message

echo "<h1 align='center'>Add Employee Details</h1>"; echo "<hr />";

echo "<font color='green'>Data added successfully."; echo "<br/><a href='index.php'>View Result</a>";

}

?>

</body>

</html>

edit.php

<?php

// including the database connection file include\_once("config.php"); if(isset($\_POST['update']))

{

$empid = $\_POST['empid'];

$ename = $\_POST['ename'];

$desig = $\_POST['desig'];

$dept = $\_POST['dept'];

$doj = $\_POST['doj'];

$salary = $\_POST['salary'];

//updating the table

$result = mysqli\_query($mysqli, "UPDATE empdetails SET ename='$ename', desig='$desig',dept='$dept',doj='$doj',salary=$salary WHERE empid=$empid");

//redirectig to the display page. In our case, it is index.php header("Location: index.php");

}

?>

<?php

echo "<h1 align='center'>Edit Employee Details</h1>"; echo "<hr />";

//getting id from url

$empid = $\_GET['empid'];

//selecting data associated with this particular eid

$result = mysqli\_query($mysqli, "SELECT \* FROM empdetails WHERE empid=$empid");

while($res = mysqli\_fetch\_array($result))

{

$empid = $res['empid'];

$ename = $res['ename'];

$desig = $res['desig'];

$dept = $res['dept'];

$doj = $res['doj'];

$salary = $res['salary'];

}

?>

<html>

<head>

<title>Edit Employee Details</title>

</head>

<body>

<a href="index.php">Home</a>

<br/><br/>

<form name="empform" method="post" action="edit.php">

<table border="0">

<tr>

<td>Name : </td>

<td><input type="text" name="ename" value="<?php echo $ename;?>"></td>

</tr>

<tr>

<tr>

<td>Designation : </td>

<td><input type="text" name="desig" value="<?php echo $desig;?>"></td>

</tr>

<tr>

<td>Department : </td>

<td><input type="text" name="dept" value="<?php echo $dept;?>"></td>

</tr>

<td>DOJ : </td>

<td><input type="text" name="doj" value="<?php echo $doj;?>"></td>

</tr>

<tr>

<td>Salary</td>

<td><input type="text" name="salary" value="<?php echo $salary;?>"></td>

</tr>

<tr>

<td><input type="hidden" name="empid" value=<?php echo $\_GET['empid'];?>></td>

<td><input type="submit" name="update" value="Update"></td>

</tr>

</table>

</form>

</body>

</html>

delete.php

<?php

//including the database connection file include("config.php");

//getting id of the data from url

$empid = $\_GET['empid'];

//deleting the row from table

$result = mysqli\_query($mysqli, "DELETE FROM empdetails WHERE empid=$empid");

//redirecting to the display page (index.php in our case) header("Location:index.php");

?>

**EX:7**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="utf-8" />

<meta

name="viewport"

content="width=device-width, initial-scale=1, shrink-to-fit=no"

/>

<meta

name="description"

content="Abilasha R portfolio."

/>

<meta name="author" content="abilasha" />

<title>Abilasha R- protfolio</title>

<link rel="icon" type="image/x-icon" href="./favicon.ico" />

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

<link rel="stylesheet" href="./main.css" />

<script>

function computeDarkTheme(isEnable) {

if (isEnable) {

document.body.classList.add("theme-dark");

document.querySelector("#theme-img").src = "./pic\_bulboff.gif";

localStorage.setItem("theme", "dark");

} else {

document.body.classList.remove("theme-dark");

document.querySelector("#theme-img").src = "./pic\_bulbon.gif";

localStorage.setItem("theme", "light");

}

}

window.onload = () => {

let theme = localStorage.getItem("theme");

let time = new Date().getHours();

if (theme === "dark") {

computeDarkTheme(true);

} else if ((theme == null && time >= 18) || time <= 5) {

computeDarkTheme(true);

} else {

computeDarkTheme(false);

}

};

</script>

</head>

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

<div id="root"></div>

</body>

</html>

CSS:

@import url('https://fonts.googleapis.com/css?family=Saira+Extra+Condensed:500,700');

/\* Globals \*/

:root {

--primary: #bd5d38;

--gradient: linear-gradient(90deg, #bd5d38, #ff6e36);

}

html {

scroll-behavior: smooth;

}

h1,

h2,

h3,

h4,

h5,

h6,

.h1,

.h2,

.h3,

.h4,

.h5,

.h6 {

margin-bottom: 0.5rem;

font-family: 'Saira Extra Condensed', sans-serif;

font-weight: 700;

line-height: 1.2;

color: #343a40;

text-transform: uppercase;

}

h1,

.h1 {

font-size: 6rem;

}

h2,

.h2 {

font-size: 3.5rem;

}

h3,

.h3 {

font-size: 2rem;

}

h4,

.h4 {

font-size: 1.5rem;

}

h5,

.h5 {

font-size: 1.25rem;

}

h6,

.h6 {

font-size: 1rem;

}

body {

position: relative;

padding-top: 3.375rem;

color: #6c757d;

font-family: -apple-system, BlinkMacSystemFont, 'Segoe UI', 'Roboto', 'Oxygen',

'Ubuntu', 'Cantarell', 'Fira Sans', 'Droid Sans', 'Helvetica Neue',

sans-serif;

-webkit-font-smoothing: antialiased;

-moz-osx-font-smoothing: grayscale;

}

.btn-custom,

.btn-primary {

border: none;

background: var(--gradient) !important;

}

p.lead {

font-size: 1.15rem;

font-weight: 400;

}

.text-primary {

color: var(--primary) !important;

}

#sideNav .navbar-nav .nav-link {

font-weight: 800;

letter-spacing: 0.05rem;

text-transform: uppercase;

transition: 0.3s;

}

#sideNav .navbar-toggler:focus {

outline-color: #d48a6e;

}

.social-icons .social-icon {

display: inline-flex;

align-items: center;

justify-content: center;

height: 3.5rem;

width: 3.5rem;

background-color: #495057;

color: #fff;

border-radius: 100%;

font-size: 1.5rem;

margin-right: 1.5rem;

}

.social-icons .social-icon:last-child {

margin-right: 0;

}

.social-icons .social-icon:hover {

background-color: #bd5d38;

}

.dev-icons {

font-size: 3rem;

}

section.resume-section {

display: flex;

align-items: center;

padding-left: 1rem;

padding-right: 1rem;

padding-top: 5rem;

padding-bottom: 5rem;

max-width: 75rem;

}

section.resume-section .resume-section-content {

width: 100%;

}

/\* Break \*/

#sideNav {

background-size: cover;

background-position: center center;

}

#sideNav::before {

content: '';

position: absolute;

top: 0;

left: 0;

right: 0;

bottom: 0;

z-index: -1;

opacity: 0.98;

}

.cards {

display: grid;

grid-gap: 1em;

grid-template-columns: repeat(auto-fill, minmax(320px, 1fr));

align-items: start;

}

.cards .card .title {

font-size: 24px;

text-transform: uppercase;

}

.cards .card .card-thumbnail {

position: relative;

width: 100%;

padding-top: 52.26%;

background-size: cover;

cursor: pointer;

transition: all 3s ease;

}

.cards .card .card-thumbnail .overlay {

position: absolute;

height: 100%;

width: 100%;

align-items: center;

justify-content: center;

background-color: #f5f5f5;

}

.cards .card .card-thumbnail .overlay img {

transform: translateX(-12%);

}

.cards .card .card-thumbnail:hover {

background-position: bottom center;

}

.cards .btn-grp {

width: 100%;

display: grid;

grid-template-columns: repeat(2, 1fr);

grid-gap: 1em;

}

#skills .progress {

height: 1.5rem;

}

#skills .progress .progress-bar {

background-color: var(--primary) !important;

}

/\* Contact \*/

#contact {

padding-bottom: 0 !important;

}

#contact .contact-map iframe {

border-radius: 10px;

overflow: hidden;

width: 100%;

height: 200px;

}

#contact .contact-direct {

margin-bottom: 15px;

}

#contact .contact-direct .item {

display: flex;

align-items: center;

}

#contact .contact-direct .item p {

border-left: 1px solid lightgrey;

padding-left: 20px;

margin: 0;

}

#contact .contact-direct .item span {

color: #ff6e36;

font-size: 24px;

padding: 20px;

}

::-webkit-scrollbar {

width: 12px;

}

::-webkit-scrollbar-thumb {

background: linear-gradient(to bottom, transparent, rgba(203, 100, 61, 0.92));

border-radius: 6px;

}

/\* iframe {

display: none !important;

} \*/

/\* Media query \*/

@media (max-width: 992px) {

#sideNav {

flex-direction: row-reverse;

}

#sideNav .navbar-collapse {

/\* display: block; \*/

position: absolute;

top: 0;

left: 0;

padding: 0px 1rem;

padding-top: 18px;

background: #cb643d;

box-shadow: rgb(0 0 0 / 40%) 10px 0px 0px 100vw;

}

#sideNav .nav-img img {

top: 0;

left: 0;

width: 50px;

margin: 0px !important;

}

#sideNav .navbar-brand {

padding: 0px !important;

margin: 0px !important;

}

#sideNav .navbar-collapse .navbar-nav {

margin: 15px 0;

padding: 0 15px;

/\* background: purple; \*/

}

/\* #sideNav .navbar-collapse .navbar-nav {

margin: 15px 0;

padding: 0 15px;

background: white;

border-top: 1px solid rgba(255, 255, 255, 0.25);

}

#sideNav .navbar-collapse .navbar-nav .nav-link {

font-weight: 600;

color: var(--primary);

padding: 16px 0;

}

#sideNav .navbar-collapse .navbar-nav .nav-link.active {

font-weight: 700;

}

#about > div > h1 {

font-size: 5rem;

} \*/

}

@media (max-width: 768px) {

/\* section.resume-section {

padding-top: 3rem;

padding-left: 10px;

padding-right: 10px;

} \*/

#about > div > h1 {

font-size: 4rem;

line-height: 1;

}

}

@media screen and (max-width: 520px) {

/\* Show 16:9 in mobile devices \*/

#about > div > h1 .text-primary {

font-size: 5rem;

display: block;

}

.codepen-cards .codepen-card {

padding-top: calc(16 / 9 \* 100%);

}

}

@media screen and (max-width: 400px) {

.social-icons .social-icon {

margin: 0px 5px;

}

}

@media (max-width: 720px) {

.social-icons .social-icon {

margin: 5px;

}

}

@media (min-width: 768px) {

section.resume-section {

min-height: 100vh;

}

}

@media (min-width: 992px) {

section.resume-section {

padding-left: 3rem;

padding-right: 3rem;

padding-top: 5rem;

padding-bottom: 5rem;

}

}

@media (min-width: 992px) {

body {

padding-top: 0;

padding-left: 17rem;

}

}

@media (min-width: 992px) {

#sideNav {

text-align: center;

position: fixed;

top: 0;

left: 0;

display: flex;

flex-direction: column;

width: 17rem;

height: 100vh;

}

#sideNav .navbar-brand {

display: flex;

margin: auto auto 0;

padding: 0.5rem;

}

#sideNav .navbar-brand .img-profile {

max-width: 10rem;

max-height: 10rem;

border: 0.5rem solid rgba(255, 255, 255, 0.2);

}

#sideNav .navbar-collapse {

display: flex;

align-items: flex-start;

flex-grow: 0;

width: 100%;

margin-bottom: auto;

}

#sideNav .navbar-collapse .navbar-nav {

flex-direction: column;

width: 100%;

}

#sideNav .navbar-collapse .navbar-nav .nav-item {

display: block;

}

#sideNav .navbar-collapse .navbar-nav .nav-item .nav-link {

display: block;

}

}

**EX:8**

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8"/>

<title>Learn AngularJS - Navigation Menu</title>

<link href="http://fonts.googleapis.com/css?family=Open+Sans:400, 700" rel="stylesheet" />

<!-- The main CSS file -->

<link href="style.css" rel="stylesheet" />

<!--[if lt IE 9]>

<script src="http://html5shiv.googlecode.com/svn/trunk/html5.js">

</script>

<![endif]-->

</head>

<!-- The ng-app directive tells angular that the code below should be evaluated -->

<body ng-app>

<!--The navigation menu will get the value of the "active" variable as a class. The $event.preventDefault() stops the page from jumping when a link is clicked. -->

<nav class="{{active}}" ng-click="$event.preventDefault()">

<!-- When a link in the menu is clicked, we set the active variable -->

<a href="#" class="home" ng-click="active='home'">Home</a>

<a href="#" class="projects" ng-click="active='projects'">Projects</a>

<a href="#" class="services" ng-click="active='services'">Services</a>

<a href="#" class="contact" ng-click="active='contact'">Contact</a>

</nav>

<!-- ng-show will show an element if the value in the quotes is truthful, while ng-hide does the opposite. Because the active variable is

not set initially, this will cause the first paragraph to be visible. -->

<p ng-hide="active">Please click a menu item</p>

<p ng-show="active">You chose <b>{{active}}</b></p>

<!-- Include AngularJS from Google's CDN -->

<script

src="https://ajax.googleapis.com/ajax/libs/angularjs/1.0.7/angular.min.js">

</script>

</body>

</html>

**style.css**

/\* Simple reset

\*/

\*{

margin:0; padding:0;

}

/\* General Styles

\*/

body{

font:15px/1.3 'Open Sans', sans-serif; color: #5e5b64;

text-align:center;

}

a, a:visited { outline:none; color:#389dc1;

}

a:hover{

text-decoration:none;

}

section, footer, header, aside, nav{ display: block;

}

/\* The menu

\*/

nav{

}

display:inline-block; margin:60px auto 45px; background-color:#5597b4; box-shadow:0 1px 1px #ccc; border-radius:2px

nav a{

display:inline-block; padding: 18px 30px; color:#fff !important; font-weight:bold;

font-size:16px;

text-decoration:none !important; line-height:1;

text-transform: uppercase; background-color:transparent;

-webkit-transition:background-color 0.25s;

-moz-transition:background-color 0.25s; transition:background-color 0.25s;

}

nav a:first-child{

border-radius:2px 0 0 2px;

}

nav a:last-child{

border-radius:0 2px 2px 0;

}

nav.home .home, nav.projects .projects, nav.services .services, nav.contact .contact{

background-color:#e35885;

}

p{

font-size:22px; font-weight:bold; color:#7d9098;

}

p b{ color:#ffffff;

display:inline-block; padding:5px 10px; background-color:#c4d7e0; border-radius:2px;

text-transform:uppercase; font-size:18px;

}

**EX:9**

index.html

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8"/>

<title>Learn AngularJS - Switchable Grid</title>

<link href="http://fonts.googleapis.com/css?family=Cookie|Open+Sans: 400,700"

rel="stylesheet" />

<!-- The main CSS file -->

<link href="style.css" rel="stylesheet" />

<!--[if lt IE 9]>

<script src="http://html5shiv.googlecode.com/svn/trunk/html5.js">

</script>

<![endif]-->

</head>

<body ng-app="switchableGrid" ng-controller="SwitchableGridController">

<div class="bar">

<!-- These two buttons switch the layout varaible, which causes

the correct UL to be shown. -->

<a href="#" class="list-icon" ng-class =

"{active: layout == 'list'}" ng-click="layout = 'list'"></a>

<a href="#" class="grid-icon" ng-class =

"{active: layout == 'grid'}" ng-click="layout = 'grid'"></a>

</div>

<!-- We have two layouts. We choose which one to show depending on the

"layout" binding -->

<ul ng-show="layout == 'grid'" class="grid">

<!-- A view with big photos and no text -->

<li ng-repeat="p in pics">

<a href="{{p.link}}" target="\_blank">

<img ng-src="{{p.images.low\_resolution.url}}" /></a>

</li>

</ul>

<ul ng-show="layout == 'list'" class="list">

<!-- A compact view smaller photos and titles -->

<li ng-repeat="p in pics">

<a href="{{p.link}}" target="\_blank">

<img ng-src="{{p.images.thumbnail.url}}" /></a>

<p>{{p.caption.text}}</p>

</li>

</ul>

<!-- Include AngularJS from Google's CDN and the resource module -->

<script src="https://ajax.googleapis.com/ajax/libs/angularjs/1.0.7/angular.min. js"></script>

<script src="http://ajax.googleapis.com/ajax/libs/angularjs/1.0.7/angularresource.

min.js"></script>

<script src="script.js"></script>

</body>

</html>

script.js

// Define a new module. This time we declare a dependency on

// the ngResource module, so we can work with the Instagram API var app =

angular.module("switchableGrid", ['ngResource']);

// Create and register the new "instagram" service

app.factory('instagram', function($resource){

return {

fetchPopular: function(callback){

// The ngResource module gives us the $resource service. It makes working with

// AJAX easy. Here I am using a client\_id of a test app. Replace it with yours.

var api = $resource('https://api.instagram.com/v1/media/popular?client\_id=:clie

nt\_id&callback=JSON\_CALLBACK',{

client\_id: '642176ece1e7445e99244cec26f4de1f'

},{

// This creates an action which we've chosen to name "fetch". It issues

// an JSONP request to the URL of the resource. JSONP requires that the

// callback=JSON\_CALLBACK part is added to the URL.

fetch:{method:'JSONP'}

});

api.fetch(function(response){

});

// Call the supplied callback function

callback(response.data);

});

}

// The controller. Notice that I've included our instagram service which we

// defined below. It will be available inside the function automatically. function

SwitchableGridController($scope, instagram){

// Default layout of the app. Clicking the buttons in the toolbar

// changes this value.

$scope.layout = 'grid';

$scope.pics = [];

// Use the instagram service and fetch a list of the popular pics

instagram.fetchPopular(function(data){

// Assigning the pics array will cause the view

// to be automatically redrawn by Angular.

$scope.pics = data;

});

}

**style.css**

/\* Simple reset

\*/

\*{

margin:0;

padding:0

;

}

/\* General Styles

\*/

body{

font:15px/1.3 'Open Sans', sans-serif; color:

#5e5b64;

text-align:center;

}

a, a:visited {

outline:none;

color:#389dc1;

}

a:hover{

text-decoration:none;

}

section, footer, header, aside, nav{ display:

block;

}

/\* The search input

\*/

.bar{

background-color:#5c9bb7;

background-image:-webkit-linear-gradient(top, #5c9bb7, #5392ad);

background-image:-moz-linear-gradient(top, #5c9bb7, #5392ad);

background-image:linear-gradient(top, #5c9bb7, #5392ad);

box-shadow: 0 1px 1px #ccc;

border-radius: 2px;

width: 580px;

padding: 10px;

margin: 80px auto 25px;

position:relative;

text-align:right;

line-height: 1;

}

.bar a{

background:#4987a1 center center no-repeat;

width:32px;

height:32px;

display:inline-block;

text-decoration:none !important;

margin-right:5px;

border-radius:2px;

}

.bar a.active{

background-color:#c14694;

}

.bar a.list-icon{

backgroundimage:

url(

8/9hAAA

AGXRFWHRTb2Z0d2FyZQBBZG9iZSBJbWFnZVJlYWR5ccllPAAAAyBpVFh0WE1MOmNvb

S5hZG9iZS54bX

AAAAAAADw/eHBhY2tldCBiZWdpbj0i77u/IiBpZD0iVzVNME1wQ2VoaUh6cmVTek5UY3

prYzlkIj8+I

Dx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iIHg6eG1wdGs9IkFkb2JlIFh

NUCBDb3Jl

IDUuMC1jMDYwIDYxLjEzNDc3NywgMjAxMC8wMi8xMi0xNzozMjowMCAgICAgICAgIj4

gPHJkZjpSREY

geG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbn

MjIj4gPH

JkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9IiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRv

YmUuY29tL

3hhcC8xLjAvIiB4bWxuczp4bXBNTT0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wL21t

LyIgeG1s

bnM6c3RSZWY9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC9zVHlwZS9SZXNvdXJjZ

VJlZiMiIHh

tcDpDcmVhdG9yVG9vbD0iQWRvYmUgUGhvdG9zaG9wIENTNSBXaW5kb3dzIiB4bXBNT

TpJbnN0YW5jZU

lEPSJ4bXAuaWlkOkYzNkFCQ0ZBMTBCRTExRTM5NDk4RDFEM0E5RkQ1NEZCIiB4bXB

NTTpEb2N1bWVud

ElEPSJ4bXAuZGlkOkYzNkFCQ0ZCMTBCRTExRTM5NDk4RDFEM0E5RkQ1NEZCIj4gPH

htcE1NOkRlcml2

ZWRGcm9tIHN0UmVmOmluc3RhbmNlSUQ9InhtcC5paWQ6RjM2QUJDRjgxMEJFMTFFMzk0

OThEMUQzQTl

GRDU0RkIiIHN0UmVmOmRvY3VtZW50SUQ9InhtcC5kaWQ6RjM2QUJDRjkxMEJFMTFFMz

k0OThEMUQzQT

lGRDU0RkIiLz4gPC9yZGY6RGVzY3JpcHRpb24+IDwvcmRmOlJERj4gPC94OnhtcG1ldGE+ID

w/eHBhY

2tldCBlbmQ9InIiPz7h1bLqAAAAWUlEQVR42mL8////BwYGBn4GCACxBRlIAIxAA/4jaXoPEk

MyjJ+A

/g9MDJQBRhYg8RFqMwg8RJIUINYLFDmBUi+ADQAF1n8ofk9yIAy6WPg4GgtDMRYAAgw

AdLYwLAoIwPg AAAAASUVORK5CYII=);

}

.bar a.grid-icon{

backgroundimage:

url(

8/9hAAA

AGXRFWHRTb2Z0d2FyZQBBZG9iZSBJbWFnZVJlYWR5ccllPAAAAyBpVFh0WE1MOmNvb

S5hZG9iZS54bX

AAAAAAADw/eHBhY2tldCBiZWdpbj0i77u/IiBpZD0iVzVNME1wQ2VoaUh6cmVTek5UY3

prYzlkIj8+I

Dx4OnhtcG1ldGEgeG1sbnM6eD0iYWRvYmU6bnM6bWV0YS8iIHg6eG1wdGs9IkFkb2JlIFh

NUCBDb3Jl

IDUuMC1jMDYwIDYxLjEzNDc3NywgMjAxMC8wMi8xMi0xNzozMjowMCAgICAgICAgIj4

gPHJkZjpSREY

geG1sbnM6cmRmPSJodHRwOi8vd3d3LnczLm9yZy8xOTk5LzAyLzIyLXJkZi1zeW50YXgtbn

MjIj4gPH

JkZjpEZXNjcmlwdGlvbiByZGY6YWJvdXQ9IiIgeG1sbnM6eG1wPSJodHRwOi8vbnMuYWRv

YmUuY29tL

3hhcC8xLjAvIiB4bWxuczp4bXBNTT0iaHR0cDovL25zLmFkb2JlLmNvbS94YXAvMS4wL21t

LyIgeG1s

bnM6c3RSZWY9Imh0dHA6Ly9ucy5hZG9iZS5jb20veGFwLzEuMC9zVHlwZS9SZXNvdXJjZ

VJlZiMiIHh

tcDpDcmVhdG9yVG9vbD0iQWRvYmUgUGhvdG9zaG9wIENTNSBXaW5kb3dzIiB4bXBNT

TpJbnN0YW5jZU

lEPSJ4bXAuaWlkOjBEQkMyQzE0MTBCRjExRTNBMDlGRTYyOTlBNDdCN0I4IiB4bXBN

TTpEb2N1bWVud

ElEPSJ4bXAuZGlkOjBEQkMyQzE1MTBCRjExRTNBMDlGRTYyOTlBNDdCN0I4Ij4gPHhtc

E1NOkRlcml2

ZWRGcm9tIHN0UmVmOmluc3RhbmNlSUQ9InhtcC5paWQ6MERCQzJDMTIxMEJGMTFF

M0EwOUZFNjI5OUE

0N0I3QjgiIHN0UmVmOmRvY3VtZW50SUQ9InhtcC5kaWQ6MERCQzJDMTMxMEJGMTF

FM0EwOUZFNjI5OU

E0N0I3QjgiLz4gPC9yZGY6RGVzY3JpcHRpb24+IDwvcmRmOlJERj4gPC94OnhtcG1ldGE+I

Dw/eHBhY

2tldCBlbmQ9InIiPz4MjPshAAAAXklEQVR42mL4////h/8I8B6IGaCYKHFGEMnAwCDIAAHv

gZgRyiZK

nImBQsACxB+hNoDAQyQ5osQZIT4gH1DsBZABH6AB8x/JaQzEig++WPiII7Rxio/GwmCIB

YAAAwAwVIz Mp1R0aQAAAABJRU5ErkJggg==);

}

.bar input{

background:#fff no-repeat 13px 13px;

border: none;

width: 100%;

line-height: 19px;

padding: 11px 0;

border-radius: 2px;

box-shadow: 0 2px 8px #c4c4c4 inset;

text-align: left;

font-size: 14px;

font-family: inherit;

color: #738289;

font-weight: bold;

outline: none; textindent:

40px;

}

/\* List layout

\*/

ul.list{

list-style: none;

width: 500px;

margin: 0 auto;

text-align: left;

}

ul.list li{

border-bottom: 1px solid #ddd;

padding: 10px;

overflow: hidden;

}

ul.list li img{

width:120px;

height:120px

; float:left;

border:none;

}

ul.list li p{

margin-left: 135px;

font-weight: bold;

color:#6e7a7f;

}

/\* Grid layout

\*/

ul.grid{

list-style: no