# Write code in HTML5 to develop simple webpage.

*<!DOCTYPE html>*

<html lang="en">

<head>

<title>My Personal welsite</title>

<meta charset="utf-8">

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

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="jumbotron text-center">

<h1>My(Write your Name) First Web Page</h1>

<p>Your tagline </p>

</div>

<div class="container">

<div class="row">

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

<h3>Column 1 (Add your content)</h3>

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

<p>Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris...</p>

</div>

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

<h3>Column 2 (Add your content)</h3>

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

<p>Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris...</p>

</div>

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

<h3>Column 3 (Add your content) </h3>

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

<p>Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris...</p>

</div>

</div>

</div>

</body>

</html>

# Write CSS5 & HTML5 Code to show Dropdown Menu.

<nav class="navbar navbar-inverse">

<div class="container-fluid">

<div class="navbar-header">

<button type="button" class="navbar-toggle" data-toggle="collapse" data- target="#myNavbar">

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

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

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

</button>

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

</div>

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

<ul class="nav navbar-nav">

<li class="active"><a routerLink="/Home">Home</a></li>

<li class="dropdown">

<a class="dropdown-toggle" data-toggle="dropdown" href="#">Page 1 <span class="caret"></span></a>

<ul class="dropdown-menu">

<li><a href="#">Page 1-1</a></li>

<li><a href="#">Page 1-2</a></li>

<li><a href="#">Page 1-3</a></li>

</ul>

</li>

<li><a href="#">Page 2</a></li>

<li><a routerLink="/About" >About</a></li>

</ul>

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

<li><a href="#"><span class="glyphicon glyphicon-user"></span> Sign Up</a></li>

<li><a href="#"><span class="glyphicon glyphicon-log-in"></span> Login</a></li>

</ul>

</div>

</div>

</nav>

# Write HTML5, CSS and Javscript code to Create one-page website having different menu items.

* npm install -g @angular/cli
* ng new my-app
* cd my-app
* ng serve –open

Opens your browser to http://localhost:4200/

# app.component.htm

<app-navbar></app-navbar>

<router-outlet></router-outlet>

# home.component.html

<p>home works!</p>

<h1>Lorem ipsum, dolor sit amet consectetur adipisicing elit. Rerum, ad? Neque ducimus repellendus enim veniam vel magnam perspiciatis fugit nesciunt?</h1>

<h2>Lorem ipsum dolor sit amet consectetur adipisicing elit. In, aperiam.</h2>

# about.component.html

<h1>about works!</h1>

<p>Lorem ipsum dolor sit, amet consectetur adipisicing elit. Consectetur ab natus aperiam, saepe accusantium voluptas dolo</p>

# app-routing.module.ts

const routes: Routes = [

{ path: 'Home', component: HomeComponent },

{ path: 'About', component: AboutComponent },

];

# Write a program in CSS to show your city with building and moving cars.

Index.html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Moving Cars</title>

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

</head>

<body>

<div class="moon"></div>

<div class="skyline">

<div class="building1-shadow"></div>

<div class="building1">

<div class="building-left-half"></div>

<div class="building-right-half"></div>

</div>

</div>

<div class="road">

<div class="road-top-half"></div>

<div class="road-bottom-half"></div>

</div>

<div class="car-container">

<div class="car-top1">

<div class="window1"></div>

<div class="window2"></div>

</div>

<div class="car-top2">

<div class="door">

<div class="door-knob"></div>

</div>

</div>

<div class="car-bottom">

<div class="wheel1-top"></div>

<div class="wheel1">

<div class="wheel-dot1"></div>

<div class="wheel-dot2"></div>

<div class="wheel-dot3"></div>

<div class="wheel-dot4"></div>

</div>

<div class="wheel2-top"></div>

<div class="wheel2">

<div class="wheel-dot1"></div>

<div class="wheel-dot2"></div>

<div class="wheel-dot3"></div>

<div class="wheel-dot4"></div>

</div>

</div>

</div>

</body>

</html>

Style.css html {

box-sizing: border-box;

}

\*,

\*:before,

\*:after {

box-sizing: inherit;

}

body {

overflow: hidden; height: 100vh;

background: linear-gradient(180deg, #09283d, #1b415c, #29516c, #6e8ea5, #7cadd0, #7cadd0, #7cadd0, #7cadd0, #6e8ea5, #3a6583, #1a4461, #09283d);

background-size: 2400% 2400%;

animation: dayNight 60s ease infinite;

}

@keyframes dayNight { 0%{background-position:25% 0%}

50%{background-position:76% 100%}

100%{background-position:25% 0%}

}

@keyframes driving { 0% {

left: -25%;

} 10% {

bottom: 0%;

} 20% {

transform: scale(0.5) rotateZ(-5deg); bottom: 5%

} 25% {

transform: scale(0.5) rotateZ(0deg);

} 40% {

transform: scale(0.5) rotateZ(5deg);

} 50% {

transform: scale(0.5) rotateZ(0deg);

} 100% {

left: 110%;

bottom: 10%;

transform: scale(0.5) rotateZ(0deg);

}

}

@keyframes road-moving { 100% {

transform: translate(-2400px);

}

}

@keyframes wheelsRotation { 100% {

transform: rotate(360deg);

}

}

@keyframes moon { 50% {

transform: translateY(-20px);

}

100% {

transform: translate(80px, -140px);

}

}

@keyframes sun-moon {

from { transform:rotate(0deg); } to { transform:rotate(360deg); }

}

/\* CAR CONTAINER \*/

.car-container { position: absolute; bottom: -10%; width: 430px; height: 300px;

animation: driving 5s infinite linear; transform: scale(0.5);

}

.car-container:after { content: "";

width: 426px; height: 1px; margin-top: 88px; display: block; position: absolute; left: -3%;

z-index: -1;

bottom: 0;

box-shadow: 2px -15px 25px 2px #000000;

}

/\* WHEELS \*/

.wheel1,

.wheel2 {

height: 120px; background-color: grey; border-radius: 50%; border: 20px solid black; position: absolute; bottom: 0;

animation: wheelsRotation 1s infinite linear;

}

.wheel1 { left: 5%;

}

.wheel1-top,

.wheel2-top { bottom: 48px; position: absolute; width: 106px; height: 80px;

border-radius: 50%;

z-index: 5;

box-shadow: 0px 13px 3px 0px rgba(240, 240, 240, 0.53); transform: rotateX(180deg);

}

.wheel1-top { left: 7%;

}

.wheel2-top { right: 7%;

}

.wheel2 { right: 5%;

}

.wheel-dot1,

.wheel-dot2 { width: 10px; height: 25px;

background-color: black; position: absolute;

}

.wheel-dot3,

.wheel-dot4 {

width: 25px; height: 10px;

background-color: black; position: absolute;

}

.wheel-dot1 { top: 10%;

left: 45%;

}

.wheel-dot2 { bottom: 10%;

left: 45%;

}

.wheel-dot3 { top: 45%;

right: 10%;

}

.wheel-dot4 { top: 45%;

left: 10%;

}

.door {

width: 110px; height: 100px;

border: 3px solid #B57A84; position: absolute;

left: 36%; top: 16px;

border-radius: 10% 40% 10% 10%;

}

.door-knob { width: 30px; height: 14px;

background-color: #E8E6E6; border-radius: 30%;

position: absolute; left: 20%;

top: 5%;

border: 1px solid lightcoral;

}

.car-top1 {

border-radius: 25% 40% 0 0; background-color: #6A1621; max-width: 100%;

width: 250px; height: 130px; position: absolute; top: 0;

left: 4%;

}

.window1,

.window2 {

background-color: #E2F0F6; border-radius: 5px;

position: absolute; width: 40%;

height: 60%; margin: 17px;

border: 9px solid #BF6D7B;

}

.window1 { left: 0;

border-top-left-radius: 30%;

}

.window2 { right: 0;

border-top-right-radius: 50%;

}

.car-top2 {

border-radius: 100px 200px 0 0; background-color: #25659C;

\*/ border: 10px solid #72252F; background-color: #9C2535; max-width: 100%;

width: 430px; height: 140px; position: absolute; bottom: 20%;

}

.road {

width: 250%; height: 200px;

background-color: #585858; border-top: 10px solid #756D6D;

border-bottom: 20px solid #756D6D; position: absolute;

bottom: 0%; margin-left: -10px; padding: 0;

}

.road::before { content: " "; position: absolute; z-index: 0;

top: -17px; left: 0px; right: 0px;

border: 5px solid black;

}

.road-top-half { height: 15px; width: 250%; position: absolute; left: -10%;

top: 30px;

border-top: 40px dashed white; margin-top: 25px;

animation: road-moving 10s infinite linear; transition: all 3s linear;

}

.skyline { width: 100%;

position: absolute; bottom: 205px; padding: 0;

left: 110%;

animation: road-moving 10s infinite linear; transition: all 8s linear;

}

.building1 { width: 220px; height: 450px;

background-color: #211919;

position: relative;

}

.building1-shadow {

border-top: 15px solid transparent; border-right: 60px solid rgb(44, 37, 37); border-bottom: 15px solid #000;

border-left: 15px solid transparent; height: 450px;

width: 200px; position: absolute; left: -199px;

}

.building-left-half,

.building-right-half { height: 300px; width: 50px; position: absolute; top: 10px;

border-left: 16px dashed #A9D2C7;

border-right: 16px dashed rgba(255, 255, 0, 0.19); margin-top: 25px;

}

.building-left-half { left: 10px; padding: 25px;

}

.building-right-half { right: 10px; padding: 20px;

}

.moon {

height: 100px; width: 100px; border-radius: 50%;

background: rgb(207, 207, 212); margin: auto;

box-shadow: 0 0 60px gold, 0 0 100px rgb(185, 160, 24), inset 0 5px 12px 26px #F5F5F5, inset -2px 8px 15px 36px #E6E6DB;

transition: 1s; transition: 1s; right:370px;

top: 30px; position: absolute;

animation: sun-moon 40s 2s linear infinite; transform-origin: 50% 500px;

}

/\*Headlights\*/

.car-top1:after { width: 13px; height: 37px;

background-color: #BACCDA; position: absolute;

bottom: -63px; right: -168px; z-index: 10; content: " ";

border-radius: 10px; border: 2px solid black; border-left-style: none; transform: rotate(-15deg);

}

.car-top2:after { position: absolute; bottom: 7px; right: -340px; content: " "; width: 0;

height: 0;

border-top: 20px solid transparent; border-bottom: 80px solid transparent;

border-right: 500px solid rgba(191,188,87,0.7); z-index: -1;

-webkit-mask-box-image: -webkit-linear-gradient(left, black, transparent);

-webkit-mask-box-image: -o-linear-gradient(left, black, transparent);

-webkit-mask-box-image: linear-gradient(to right, black, transparent); transform: rotate(-9deg);

}

# Write a program to validate web form using JavaScript.

Register.pug

|  |
| --- |
| doctype  html |
| html(lang="en") |
| Head |
| meta(charset="UTF-8") |
| meta(http-equiv="X-UA-Compatible", content="IE=edge") |
| meta(name="viewport", content="width=device-width, initial-scale=1.0") |
| title Register |
| style |
| include ./my.css |
| body |
| div(class='container') |
| include ./index.pug |
| h1 Registration form |
| ul(id="errors") |
| Br |
| form(action="/Register" method="post" align="center") |
| label(for="username") username |
| input(type="text" name="username") |
| Br |
| Br |
| label(for="password") password |
| input(type="password" name="password") |
| Br |
| label(for="cpassword") Confirm password |
| input(type="password" name="cpassword") |
| Br |
| Br |
| label(for="age") user age |
| input(type="text" name="age") |
| Br |
| Br |
| label(for="mobile") user mobile |
| input(type="text" name="mobile") |
| Br |
| Br |

|  |
| --- |
| label(for="email") user email |
| input(type="text" name="email") |
| Br |
| Br |
| input(type="submit" name="Register" value="Register") |

App.js

|  |
| --- |
| Const  express=require('express’); |
| const bodyparser=require("body-parser") const bcrypt=require("bcrypt");  const user=require('./models/user'); const mongoose = require('mongoose');  const expressValidator = require("express-validator");  const {check, validationResult} = require('express-validator/check') const app = express();  const port = process.env.PORT || 80 mongoose.connect("mongodb://localhost:27017/user",{userNewUrlParser : true}); app.set('view engine', 'pug');  app.use(bodyparser.json()); app.use(bodyparser.urlencoded({extended:true}));  //handling get request app.get('/',function(req,res){ res.render('index')  }) |
| app.get('/Register', function(req,res){  res.render('Register')  }) |
| //handling post request |
| app.post('/Register', [  check('username').not().isEmpty().isLength({min:5}).withMessage('User name must be 5 characters'), check('password').not().isEmpty().isLength({min:6}).withMessage('Password name must be 6  characters'), |

check('age').not().isEmpty().isInt().withMessage('age must be integer'), check('mobile').not().isEmpty().isInt().isLength({min:10}).withMessage('mobile number must be

number and 10 characters'),

check('cpassword').custom((value,{req}) => (value === req.body.password)).withMessage("Confirm password not match with your password"),

check('email').not().isEmpty().isEmail().normalizeEmail().withMessage("Enetr proper email"),

],

function(req,res){

const errors= validationResult(req); if(!errors.isEmpty())

{

return res.status(422).jsonp(errors.array());

}

else{

//console.log(req.body.username) const newUser=new user();

newUser.username=req.body.username;

var salt=bcrypt.genSaltSync(10);

var hash=bcrypt.hashSync(req.body.password,salt); newUser.password=hash; newUser.age=req.body.age; newUser.mobile=req.body.mobile; newUser.save(function(err,result){

if(err){

console.log(err);

}

else{

console.log(result); res.redirect("Login");

}

})

}

})

})

app.listen(port,() => {console.log(`app is listening on http://localhost:${port}`)})

Model/users.js

|  |
| --- |
| const  mongoose=require('mongoose'); |
| const Schema=mongoose.Schema; |
| const userSchema=new Schema( |
| { |
| username : {type:String}, |
| password : {type:String}, |
| age : {type:Number}, |
| mobile : {type:Number} |
| } |
| ); |
| module.exports=mongoose.model("user",userSchema); |

# Write jquery code to show website slider.

Corousel.html

|  |
| --- |
| <!DOCTYP  E html> |
| <html lang="en"> |
| <head> |
| <meta charset="UTF-8"> |
| <meta http-equiv="X-UA-Compatible" content="IE=edge"> |
| <meta name="viewport" content="width=device-width, initial-scale=1.0"> |
| <title>JS Slider</title> |
| <link rel="stylesheet"  href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css"> |
| <script  src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script> |
| <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></scr  ipt> |
| </head> |
| <body> |
| <div class="container"> |
| <div id="myCarousel" class="carousel slide"> |
| <ol class="carousel-indicators"> |
| <li class="item1 active"></li> |
| <li class="item2"></li> |
| <li class="item3"></li> |
| </ol> |
| <div class="carousel-inner" role="listbox"> |
| <div class="item active"> |
| <img src="1.jpg" alt="image1" width="100%" height="100%"> |
| </div> |
| <div class="item"> |
| <img src="2.jpg" alt="image2" width="100%" height="100%"> |
| </div> |
| <div class="item"> |
| <img src="3.jpg" alt="image3" width="100%" height="100%"> |
| </div> |

|  |
| --- |
| </div> |
| <a class="left carousel-control" href="#myCarousel" role="button"> |
| <span class="glyphicon glyphicon-chevron-left" aria-  hidden="true"></span> |
| <span class="sr-only">Prev</span> |
| </a> |
| <a class="right carousel-control" href="#myCarousel" role="button"> |
| <span class="glyphicon glyphicon-chevron-right" aria-  hidden="true"></span> |
| <span class="sr-only">Next</span> |
| </a> |
| </div> |
| </div> |
| <script> |
| $(document).ready(function(){ |
| $("#myCarousel").carousel(); |
| $(".item1").click(function(){ |
| $("#myCarousel").carousel(0); |
| }) |
| $(".item2").click(function(){ |
| $("#myCarousel").carousel(1); |
| }) |
| $(".item3").click(function(){ |
| $("#myCarousel").carousel(2); |
| }) |
| $(".left").click(function(){ |
| $("#myCarousel").carousel("prev"); |
| }) |
| $(".right").click(function(){ |
| $("#myCarousel").carousel("next"); |
| }) |
| }); |
| </script> |
| </body> |
| </html> |

# Show version control in Github.

$ git config --global user.name "cmr"

$ git config --global user.email [cmr@example.com](mailto:cmr@example.com)

Index.html

<h1>welcome to my web page</h1>

git init git add .

git commit -m "Hello world"

Index.html

<h1>welcome to my web page</h1>

<p>My first website</p>

git add .

git commit -m "paragraph added"

git log git staus

git branch -M main

git remote add origin url git push -u origin main

# Write a program in JavaScript to create a user login system.

Login.pug

|  |
| --- |
| doctype  html |
| html(lang="en") |
| head |
| meta(charset="UTF-8") |
| meta(http-equiv="X-UA-Compatible", content="IE=edge") |
| meta(name="viewport", content="width=device-width, initial-scale=1.0") |
| title Login |
| style |
| include ./my.css |
| body |
| div(class='container') |
| include ./index.pug |
| h1 Login form |
| br |
| form(action="/Login" method="post" align="center") |
| label(for="username") username |
| input(type="text" name="username") |
| br |
| br |
| label(for="password") password |
| input(type="password" name="password") |
| br |
| br |
| input(type="submit" name="Login" value="Login") |

Style.css

|  |
| --- |
| h1{ |
| color:blue; |
| text-align:center; |
| } |
| a:link,a:visited{ |
| background-color: brown; |
| color:white; |
| padding:14px 25px; |
| text-align: center; |
| text-decoration: none; |

|  |
| --- |
| display: inline-block; |
| } |
| a:hover,a:active{ |
| background-color: chartreuse; |
| } |
| .header { |
| padding: 10px; |
| text-align: center; |
| background: #1abc9c; |
| color: white; |
| font-size: 30px; |
| } |
| .container { |
| border-radius: 5px; |
| background-color: #f2f2f2; |
| padding: 10px; |
| } |
| input{ |
| width: 20%; |
| padding: 12px; |
| border: 1px solid #ccc; |
| margin-top: 6px; |
| margin-bottom: 16px; |
| resize: vertical; |
| } |
| input[type=submit] { |
| background-color: #04AA6D; |
| color: white; |
| padding: 12px 20px; |
| border: none; |
| cursor: pointer; |
| } |
| input[type=submit]:hover { |
| background-color: #45a049; |
| } |
| label{ |
| color: blue; |
| font-size: 22px; |
| padding: 8px; |

|  |
| --- |
| text-align:left; |
| } |

App.js

|  |
| --- |
| Const express=require('express  '); |
| const bodyparser=require("body-parser") |
| const bcrypt=require("bcrypt"); |
| const user=require('./models/user'); |
| const mongoose = require('mongoose'); |
| const expressValidator = require("express-validator"); |
| const {check, validationResult} = require('express-validator/check') |
| const app = express(); |
| const port = process.env.PORT || 80 |
| mongoose.connect("mongodb://localhost:27017/user",{userNewUrlP  arser : true}); |
| app.set('view engine', 'pug'); |
| app.use(bodyparser.json()); |
| app.use(bodyparser.urlencoded({extended:true})); |
| //handling get request |
| app.get('/',function(req,res){ |
| res.render('index') |
| }) |
| app.get('/Login',function(req,res){ |
| res.render('Login') |
| }) |
| //handling post request |
| app.post('/Login',function(req,res){ |
| user.findOne({username:req.body.username},function(err,docs){ |
| if(err) |
| { |
| console.log(err) |
| } |
| else |

|  |
| --- |
| { |
| if(docs.username==req.body.username) |
| { |
| bcrypt.compare(req.body.password,docs.password,function(err,data) |
| { |
| if(err) |
| { |
| console.log(err); |
| } |
| if(data) |
| { |
| console.log(data); |
| res.send("Welcome"); |
| } |
| else |
| { |
| res.send("invalid password"); |
| } |
| }); |
| } |
| else |
| { |
| //res.send("invalid username or password") |
| res.redirect("Register"); |
| } |
| } |
| }) |
| }) |
| app.listen(port,() => {console.log(`app is listening on http://localhost:${port}`)}) |

Models/user.js

|  |
| --- |
| Const  mongoose=require('mongoose'); |
| const Schema=mongoose.Schema; |

|  |
| --- |
| const userSchema=new Schema( |
| { |
| username : {type:String}, |
| password : {type:String}, |
| age : {type:Number}, |
| mobile : {type:Number} |
| } |
| ); |
| module.exports=mongoose.model("user",userSchema); |

# Create a website showing jquery slider.

|  |
| --- |
| <!DOCTYP  E html> |
| <html lang="en"> |
| <head> |
| <meta charset="UTF-8"> |
| <meta http-equiv="X-UA-Compatible" content="IE=edge"> |
| <meta name="viewport" content="width=device-width, initial-scale=1.0"> |
| <title>JS Slider</title> |
| <link rel="stylesheet"  href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css"> |
| <script  src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script> |
| <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></scr  ipt> |
| </head> |
| <body> |
| <nav class="navbar navbar-inverse"> |
| <div class="container-fluid"> |
| <div class="navbar-header"> |
| <button type="button" class="navbar-toggle" data-toggle="collapse"  data-target="#myNavbar"> |
| <span class="icon-bar"></span> |
| <span class="icon-bar"></span> |
| <span class="icon-bar"></span> |
| </button> |
| <a class="navbar-brand" href="#">WebSiteName</a> |
| </div> |
| <div class="collapse navbar-collapse" id="myNavbar"> |
| <ul class="nav navbar-nav"> |
| <li class="active"><a routerLink="/Home">Home</a></li> |
| <li class="dropdown"> |
| <a class="dropdown-toggle" data-toggle="dropdown" href="#">Page 1  <span class="caret"></span></a> |
| <ul class="dropdown-menu"> |
| <li><a href="#">Page 1-1</a></li> |
| <li><a href="#">Page 1-2</a></li> |
| <li><a href="#">Page 1-3</a></li> |
| </ul> |

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| </li> |
| <li><a href="#">Page 2</a></li> |
| <li><a routerLink="/About" >About</a></li> |
| </ul> |
| <ul class="nav navbar-nav navbar-right"> |
| <li><a href="#"><span class="glyphicon glyphicon-user"></span> Sign  Up</a></li> |
| <li><a href="login.html"><span class="glyphicon glyphicon-log-  in"></span> Login</a></li> |
| </ul> |
| </div> |
| </div> |
| </nav> |
| <div class="container"> |
| <div id="myCarousel" class="carousel slide"> |
| <ol class="carousel-indicators"> |
| <li class="item1 active"></li> |
| <li class="item2"></li> |
| <li class="item3"></li> |
| </ol> |
| <div class="carousel-inner" role="listbox"> |
| <div class="item active"> |
| <img src="1.jpg" alt="image1" width="100%" height="100%"> |
| </div> |
| <div class="item"> |
| <img src="2.jpg" alt="image2" width="100%" height="100%"> |
| </div> |
| <div class="item"> |
| <img src="3.jpg" alt="image3" width="100%" height="100%"> |
| </div> |
| </div> |
| <a class="left carousel-control" href="#myCarousel" role="button"> |
| <span class="glyphicon glyphicon-chevron-left" aria-  hidden="true"></span> |
| <span class="sr-only">Prev</span> |
| </a> |
| <a class="right carousel-control" href="#myCarousel" role="button"> |
| <span class="glyphicon glyphicon-chevron-right" aria- |

|  |
| --- |
| hidden="true"></span> |
| <span class="sr-only">Next</span> |
| </a> |
| </div> |
| </div> |
| <script> |
| $(document).ready(function(){ |
| $("#myCarousel").carousel(); |
| $(".item1").click(function(){ |
| $("#myCarousel").carousel(0); |
| }) |
| $(".item2").click(function(){ |
| $("#myCarousel").carousel(1); |
| }) |
| $(".item3").click(function(){ |
| $("#myCarousel").carousel(2); |
| }) |
| $(".left").click(function(){ |
| $("#myCarousel").carousel("prev"); |
| }) |
| $(".right").click(function(){ |
| $("#myCarousel").carousel("next"); |
| }) |
| }); |
| </script> |
| </body> |
| </html> |

1. Write a program to show user details using HTML, CSS, & AJAX.

Ajax.pug

doctype html html(lang="en")

head

meta(charset="UTF-8")

meta(http-equiv="X-UA-Compatible", content="IE=edge") meta(name="viewport", content="width=device-width, initial-scale=1.0") title Login

style

include ./my.css script(src="<http://code.jquery.com/jquery-3.1.0.min.js>") script(src="/magic.js")

include ./index.pug body

div(class='container')

form(method="post" id="change" align="center") input(type='text', placeholder='search user', name='name') input(type="submit", value="Search")

br

h1 User Details p !{name}

/public/magic.js

$(document).ready(function(){

$("form#change").on('submit', function(e){ e.preventDefault();

var data = $('input[name=name]').val();

$.ajax({

type: 'post',

url: '/ajax', data: data, dataType: 'text'

})

.done(function(data){

$('h1').html(data.name);

});

});

});

App.js

const express = require('express');

const bodyparser=require("body-parser") const bcrypt=require("bcrypt");

const user=require('./models/user'); const mongoose = require('mongoose');

const expressValidator = require("express-validator");

const {check, validationResult} = require('express-validator/check')

const app = express();

const port = process.env.PORT || 80 mongoose.connect("mongodb://localhost:27017/user",{userNewUrlParser : true}); app.set('view engine', 'pug');

app.use(bodyparser.json()); app.use(bodyparser.urlencoded({extended:true}));

app.get('/ajax', function(req, res){

res.render('ajax', {title: 'An Ajax Search', name: "Search user!"});

});

app.post('/ajax', function(req, res){

user.findOne({username:req.body.name},function(err,docs){ if(err)

{

console.log(err)

}

else

{

res.render('ajax', {title: 'An Ajax search', name: "Name "+docs.username+", Age "+docs.age+", Mobile "+docs.mobile });

}

});

});

app.listen(port,() => {console.log(`app is listening on http://localhost:${port}`)})

1. Write a program to display options in a search engine using Ajax.

Ajax.pug

doctype html html(lang="en")

head

meta(charset="UTF-8")

meta(http-equiv="X-UA-Compatible", content="IE=edge") meta(name="viewport", content="width=device-width, initial-scale=1.0") title Login

style

include ./my.css script(src="<http://code.jquery.com/jquery-3.1.0.min.js>") script(src="/magic.js")

include ./index.pug body

div(class='container')

form(method="post" id="change" align="center") input(type='text', placeholder='search user', name='name') input(type="submit", value="Search")

br

a(href="") All a(href="") images a(href="") Latest a(href="") News h1 User Details

p !{name}

/public/magic.js

$(document).ready(function(){

$("form#change").on('submit', function(e){ e.preventDefault();

var data = $('input[name=name]').val();

$.ajax({

type: 'post',

url: '/ajax', data: data, dataType: 'text'

})

.done(function(data){

$('h1').html(data.name);

});

});

});

App.js

const express = require('express');

const bodyparser=require("body-parser") const bcrypt=require("bcrypt");

const user=require('./models/user'); const mongoose = require('mongoose');

const expressValidator = require("express-validator");

const {check, validationResult} = require('express-validator/check')

const app = express();

const port = process.env.PORT || 80 mongoose.connect("mongodb://localhost:27017/user",{userNewUrlParser : true}); app.set('view engine', 'pug');

app.use(bodyparser.json()); app.use(bodyparser.urlencoded({extended:true}));

app.get('/ajax', function(req, res){

res.render('ajax', {title: 'An Ajax Search', name: "Search user!"});

});

app.post('/ajax', function(req, res){

user.findOne({username:req.body.name},function(err,docs){ if(err)

{

console.log(err)

}

else

{

res.render('ajax', {title: 'An Ajax search', name: "Name "+docs.username+", Age "+docs.age+", Mobile "+docs.mobile });

}

});

});

app.listen(port,() => {console.log(`app is listening on http://localhost:${port}`)})