**Assignment No. 1B**

Name: Sarthak Deshpande

Roll No: 33309

Batch : K11 Subject : WADL

# Index.html

<! doctype html >

< html lang = "en">

< head>

< title> Assignment 1B< /title>

< meta charset = "utf-8" >

< meta name = "viewport" content = "width=device-width, initial-scale=1, shrink-to-fit=no">

< link href = "https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap

.min.css" rel= "stylesheet"

integrity = "sha384-iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/T YkiZhlZB6+fzT" crossorigin = "anonymous">

< script src= "https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js " >< /script>

< /head>

< body>

< div class= "container my-4">

< main id = "output" class = "bg-dark text-light p-4 rounded mb-4 w-50 mx-auto" style = "letter-spacing: 2px;" >

</main>

< div class= "w-50 mx-auto mb-4 text-end" >

< button class = "btn btn-dark"

onclick= " fetchData() " > Reload< /button>

< /div>

< form id= "addNumberForm" class= "p-4 border shadow-sm w-50 mx-auto" >

< div class= "mb-2">

< label for= "firstName" class = "form-label"> First

Name< /label>

< input value = "Hemang" type= "text" class = "form-control"

name = "firstName" required id = "firstName" aria-describedby = "helpId" placeholder = "Enter Your First Name">

< /div>

< div class = "mb-2">

< label for = "lastName" class = "form-label" > Last

Name< /label>

< input value = "Barhate" type = "text"

class= "form-control" name = "lastName" required id = "lastName" aria-describedby= "helpId" placeholder = "Enter Your Last Name" >

< /div>

< div class = "mb-2" >

< label for = "age" class = "form-label" > Age< /label> < input value = "21" type= "text" class = "form-control"

name= "age" required id= "age" aria-describedby = "helpId" placeholder = "Enter Your Age" >

< /div>

< div class= "mb-3" >

< label for = "college" class = "form-label" > College

Name< /label>

< input value = "pict" type= "text" class= "form-control"

name = "college" required id= "college" aria-describedby= "helpId" placeholder= "Enter Your College Name" >

< /div>

< button type= "submit" class = "btn

btn-primary"> Submit< /button>

< hr>

< small class= "small text-success" id= "msg">< /small> < /form>

< /div>

< script> const output = document . getElementById ( "output") ; function fetchData() {

var xhttp = new XMLHttpRequest() ; xhttp. onreadystatechange = function() { if ( this. readyState == 4 && this. status == 200) { let data = JSON. parse ( xhttp. responseText )

let string = `name: ${ data. firstName}

${ data. lastName } < hr>age: ${ data. age} < hr>college: ${ data . college} `;

output . innerHTML = string ;

w = window. open() ;

w . document . body. innerHTML = "<h1>User

Details</h1><h3>"; w . document . body . innerHTML += string ; w . document . body. innerHTML += "</h3>" ; } } ; xhttp . open ( "GET" , "http://localhost:3000/" , true) ; xhttp. send() ;

}

document. body. onload = () => { fetchData ()

document. forms . addNumberForm . addEventListener( "submit",

( event ) => { event. preventDefault() ; const firstName = event. target . firstName . value ; const lastName = event. target . lastName . value; const age = event . target . age. value; const college = event . target . college . value ;

$ ( "#msg" ). html ( "" )

$ . ajax ({ type: 'post' ,

url: 'http://localhost:3000/' , data: JSON . stringify ({ firstName , lastName , age , college

}) ,

contentType: "application/json; charset=utf-8" , traditional: true , success : function ( data) { fetchData() ;

$ ( "#msg" ). html ( "User Details Updated" )

}

}) ;

})

} ;

< /script>

< /body>

< /html>

# index.js

const express = require( "express" ) app = express() ; app . use ( express . json()) ;

app. use( function ( req, res, next) { // Website you wish to allow to connect

res. setHeader ( 'Access-Control-Allow-Origin' , '\*') ;

// Request methods you wish to allow

res . setHeader ( 'Access-Control-Allow-Methods' , 'GET, POST, OPTIONS,

PUT, PATCH, DELETE') ;

// Request headers you wish to allow res . setHeader ( 'Access-Control-Allow-Headers' ,

'X-Requested-With,content-type') ;

// Set to true if you need the website to include cookies in the requests sent

// to the API (e.g. in case you use sessions)

res. setHeader( 'Access-Control-Allow-Credentials', true) ;

// Pass to next layer of middleware next() ; });

var data = { firstName: "" , lastName: "", age: "",

college: ""

}

app. get( "/" , ( req , res ) => { res. status ( 200 ). json( data) ;

})

app. post ( "/" , ( req , res ) => { const userData = req . body data = userData ; console. log( data)

res . status ( 200 ). json ( data) ;

}) ;

app . listen ( 3000 , () => {

console . log ( "http://localhost:3000" )

}) ;

Output :



