Assignment 1(a)-Responsive wbpage

# **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>Document</title>

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"

crossorigin="anonymous">

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

</head>

<body>

<aside class="side-bar">

<h3>SKNCOE</h3>

<hr>

<ul class="sidebar-list">

<li>

<h6>College</h6>

<div>

<p>Principal</p>

<p>Vice Principal</p>

<p>Staff</p>

</div>

</li>

<li>

<h6>Dept</h6>

<div>

<p>Comp</p>

<p>IT</p>

<p>Entc</p>

<p>Mech</p>

</div>

</li>

<li>

<h6>Students</h6>

<div>

<p>FE</p>

<p>SE</p>

<p>TE</p>

<p>BE</p>

</div>

</li>

<li>

<h6>Exam</h6>

</li>

<li>

<h6>Placement</h6>

</li>

</ul>

</aside>

<div class="right">

<div class="row">

<div class="col card">

<div class="card-body text-center">

<h5 class="card-title">College Revenue</h5>

<img src="graph.png" alt="graph">

</div>

</div>

<div class="col card project-card">

<div class="card-body">

<h5 class="card-title">projects status</h5>

<p>Project1</p>

<div class="progress">

<div class="progress-bar" role="progressbar" style="width: 25%" aria-valuenow="25" aria-valuemin="0" aria-valuemax="100"></div>

</div>

<p>Project2</p>

<div class="progress">

<div class="progress-bar" role="progressbar" style="width: 50%" aria-valuenow="50" aria-valuemin="0" aria-valuemax="100"></div>

</div>

<p>Project3</p>

<div class="progress">

<div class="progress-bar" role="progressbar" style="width: 75%" aria-valuenow="75" aria-valuemin="0" aria-valuemax="100"></div>

</div>

</div>

</div>

<div class="col card analytics-card">

<div class="card-body text-center">

<h5 class="card-title">College Analytics</h5>

<img src="analytics.jpg" alt="analytics">

</div>

</div>

</div>

<div class="card">

<table class="table">

<thead>

<tr>

<th scope="col">#</th>

<th scope="col">First</th>

<th scope="col">Last</th>

<th scope="col">Marks</th>

<th scope="col">Year</th>

</tr>

</thead>

<tbody>

<tr>

<th scope="row">1</th>

<td>Mark</td>

<td>Otto</td>

<td>89%</td>

<td>FE</td>

</tr>

<tr>

<th scope="row">2</th>

<td>Jacob</td>

<td>Thornton</td>

<td>90%</td>

<td>SE</td>

</tr>

<tr>

<th scope="row">3</th>

<td>Larry </td>

<td>Zuk</td>

<td>99%</td>

<td>TE</td>

</tr>

<tr>

<th scope="row">4</th>

<td>Ashish</td>

<td>85%</td>

<td>BE</td>

</tr>

</tbody>

</table>

</div>

</div>

</body>

<!-- JavaScript Bundle with Popper -->

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p" crossorigin="anonymous"></script>

</html>

# **Style.css**

.side-bar{ width: 25%; /\* min-height: 100vh; \*/ height: 100%;

float: left; background-color: lightgray; padding: 1.5rem;

} ul

li{

mar gintop: 0.5r em;

} ul li div{ marginleft: 1rem;

}

.right{ float: right; padding:

2rem; width:

75%;

} .card{ margin: 1rem;

}

.analytics-card{ backgroundcolor: #e95d4c7d;

}

.progress{ marginbottom: 10px;

}

.project-card{ background-color:

rgb(255, 242, 219);

}

# Assignment 1(b)

## 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>Document</title>

</head>

<style>

.container { width: fit-content; margin: auto;

}

.center { textalign: center;

} input {

padding: 5px 2px;

}

</style>

<body>

<div class="container">

<div id="list">

<div class="center">

<h1>Registration form</h1>

</div>

<form action="/index.js" method="POST">

<ul>

<li>

<label for="name">Username :</label>

<input type="text" name="name" required>

</li>

<li>

<label for="name">Email : </label>

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

</li>

<li>

<label for="name">Contact no :</label>

<input type="number" name="contact" required>

</li>

<li>

<label for="name">Password :</label>

<input type="password" name="password" required>

</li>

</ul>

<div class="center">

<button type="submit">submit</button>

</div>

</form>

</div>

</div>

</body>

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

</html>

## Index.js

const form = document.querySelector('form')

form.addEventListener('submit', e => { e.preventDefault() let name = form.elements['name'].value let email = form.elements['email'].value let contact = form.elements['contact'].value let password = form.elements['password'].value if (name.length < 4) { alert("Username should be more than 5 characters") } else if (contact.length != 10) { alert("contact no is invalid") } else if (password.length < 6) { alert("Password should be more than 6 characters") } else { load(name, email, contact, password)

}

})

function load(name, email, contact, password) { const xhr = new XMLHttpRequest() xhr.onreadystatechange = function () { console.log("your state=", xhr.readyState) if (this.readyState == 4

&& this.status == 200) { document.getElementById('list').innerHTML = this.responseText document.getElementById('list').innerHTML += `

<hr/>

<p>name: ${name}</p>

<p>email: ${email}</p>

<p>contact: ${contact}</p>

<p>password: ${password}</p>`

}

}

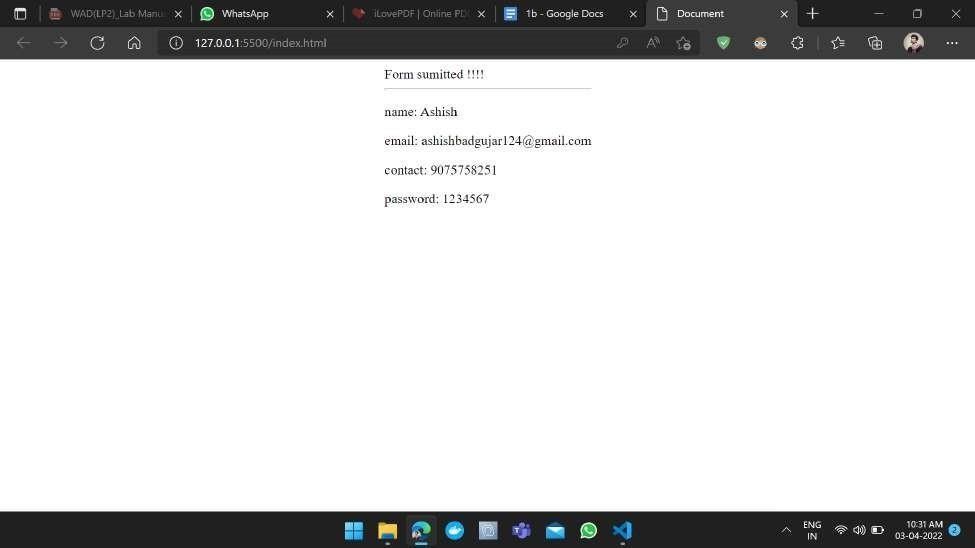
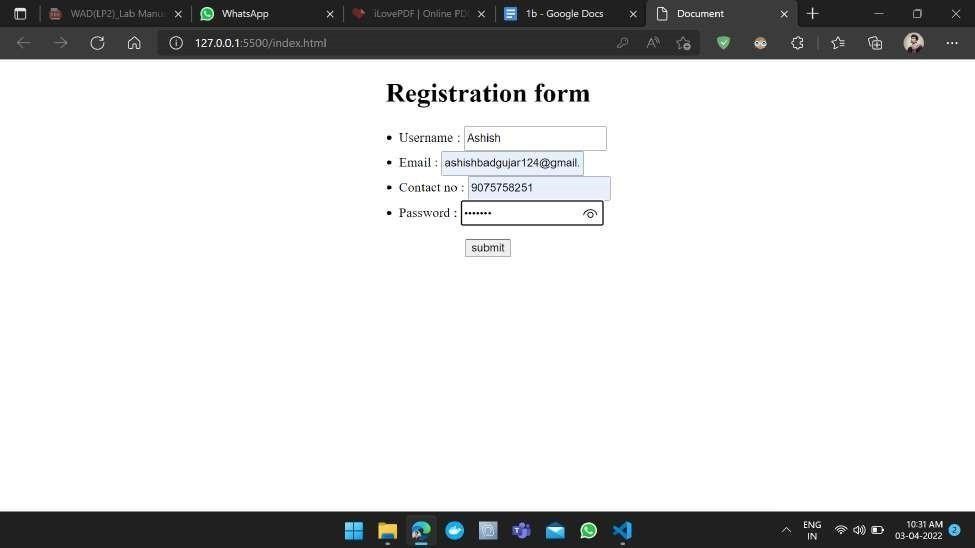
xhr.open('GET', 'data.txt', true)

xhr.send() //for GET .send() is empty

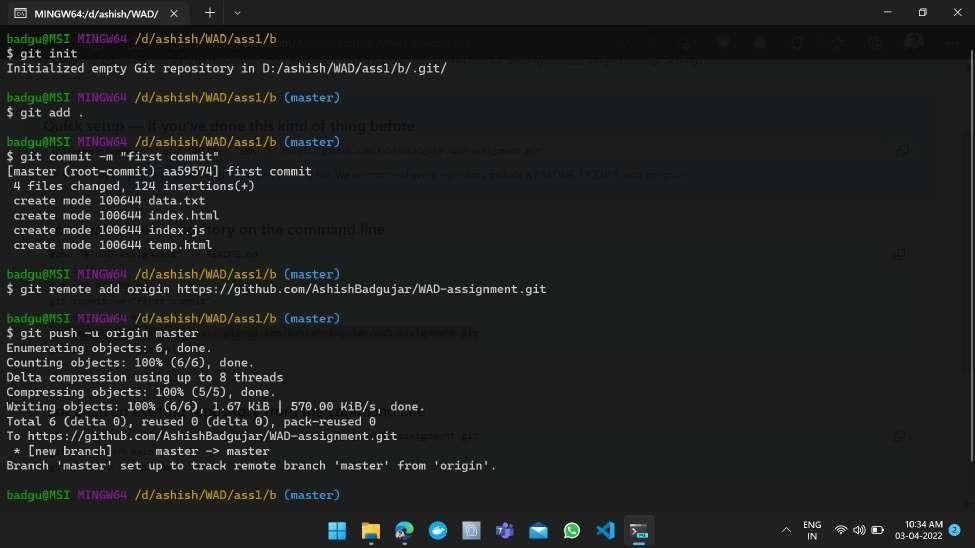
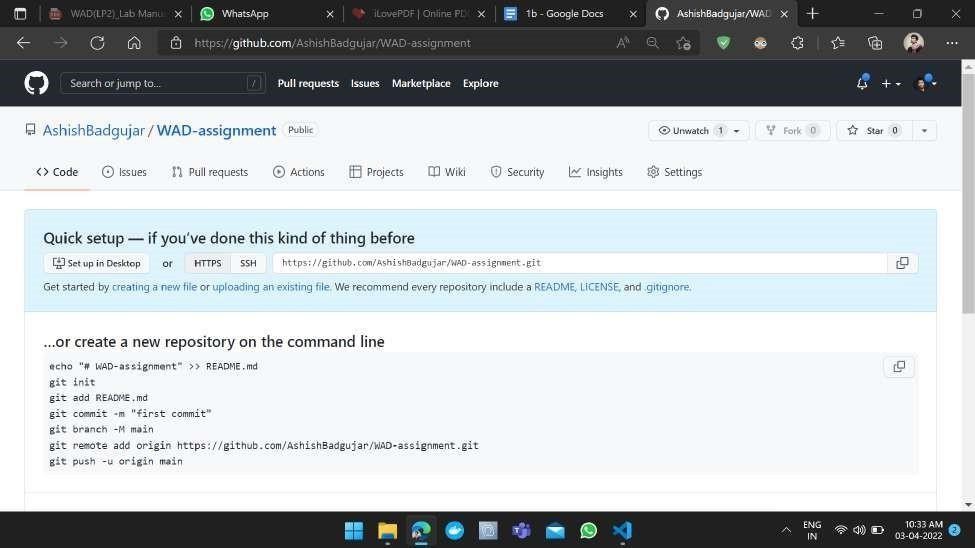
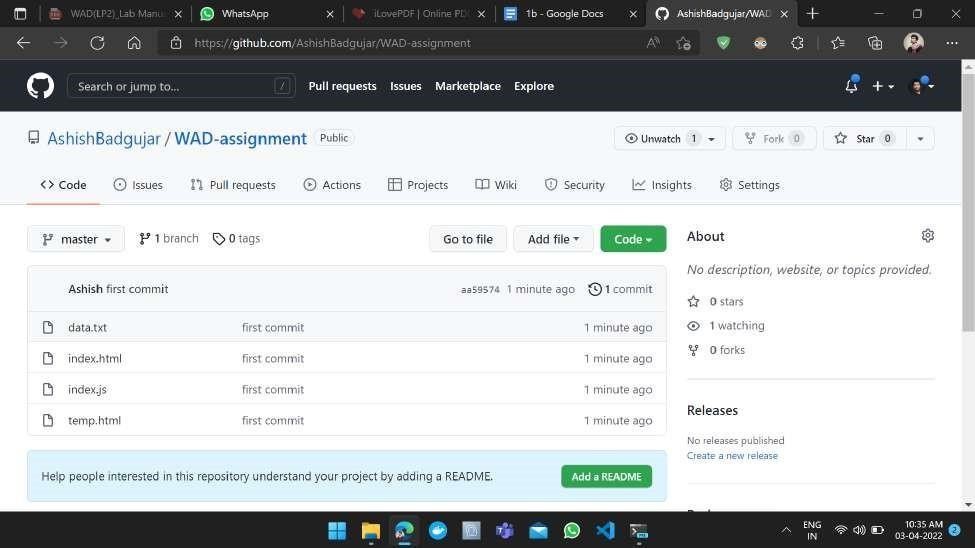
}

**Data.txt**Form submitted !!!!

## Output



# Assignment 2(a)



Assignment 3(a)

**Index.js** const express = require("express"); const app =

express(); app.use(express.static('public')); app.get("/", (req, res) => { res.sendFile(`${\_\_dirname}/index.html`, (err) => { if (err) { console.log(err); res.end(err.message);

}

});

});

app.listen(9000, "localhost", () => {

console.log("Server is running on port 9000");

});

## public/index.html

<!doctype html>

<html lang="en">

<head>

<!-- Required meta tags -->

<meta charset="utf-8">

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

<!-- Bootstrap CSS -->

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"

crossorigin="anonymous">

<title>Registration</title>

</head>

<style>

.container {

/\* background-color: yellow; \*/ border: 2px solid yellow;

}

.box { background-color: rgba(255, 157,

0, 0.945); align-items: center;

}

</style>

<body>

<div class="container py-4">

<div class="box text-center">

<h3>Registration form</h3>

</div>

<form action="" class="mx-5">

<div class="mb-3">

<label class="form-label">Full Name</label>

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

</div>

<div class="mb-3 row g-3">

<div class="col-auto">

<label class="form-label">Email address</label>

<input type="email" class="form-control " placeholder="name@example.com">

</div>

<div class="col-auto">

<label class="form-label">Mobile</label>

<input type="number" class="form-control ">

</div>

<div class="col-auto">

<label class=" form-label">Gender</label>

<div>

<input type="radio">

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

Male

</label>

<input type="radio">

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

Female

</label>

</div>

</div>

<div class="col-auto">

<label for="formFile" class="form-label">Upload photo</label>

<input class="form-control " type="file" id="formFile">

</div>

<div class="col-auto">

<label class="form-label">DOB</label>

<input type="date" class="form-control ">

</div>

</div>

<div class="row g-3">

<div class="col-auto">

<label class="form-label">college name</label>

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

</div>

<div class="col-auto">

<label class="form-label">Branch</label>

<select class="form-select" aria-label="Default select example">

<option selected></option>

<option value="1">Comp</option>

<option value="2">IT</option>

<option value="3">Entc</option>

<option value="4">Mech</option>

</select>

</div>

<div class="col-auto">

<label class="form-label">Year</label>

<input type="number" class="form-control ">

</div>

</div>

<div class="mb-3">

<label class="form-label">Address</label>

<textarea class="form-control " rows="2"></textarea>

</div>

<div class="row g-3 mb-3">

<div class="col-auto">

<label class="form-label">Password</label>

<input type="password" class="form-control ">

</div>

<div class="col-auto">

<label class="form-label">Confirm Password</label>

<input type="password" class="form-control ">

</div>

</div>

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

</form>

<!-- <audio controls class="mb-3">

<source src="iphone.mp3" type="audio/mpeg"> Your browser does not support the video tag.

</audio>

<video controls>

<source src="sangchi.mp4" type="video/mp4"> Your browser does not support the video tag.

</video> -->

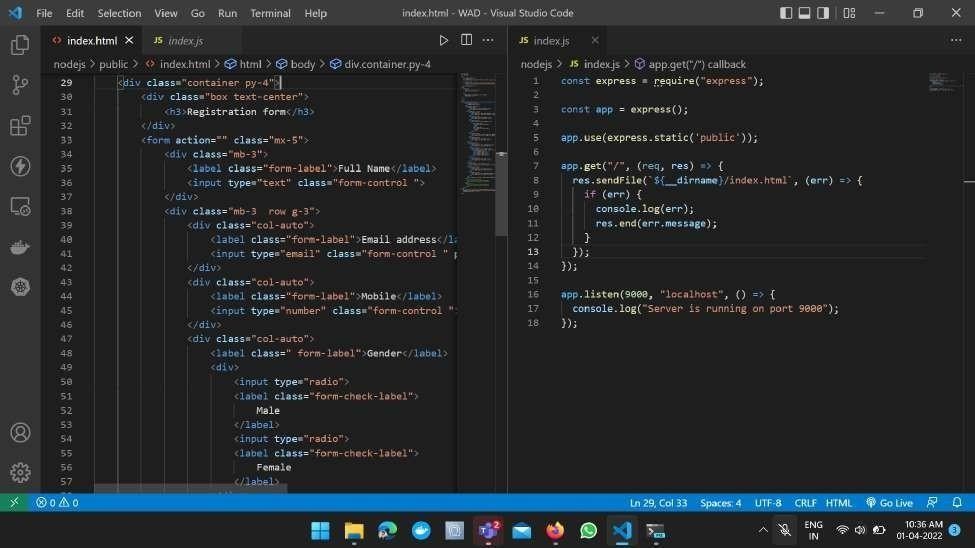
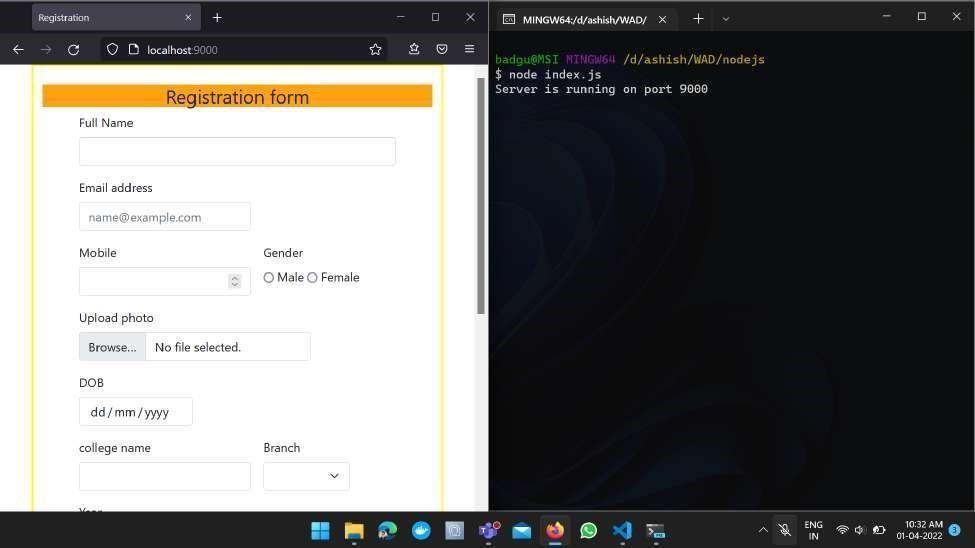
</div>

</body>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p" crossorigin="anonymous"></script>

</html>

## Output



Assignment 4(a)

**Index.html**

<!DOCTYPE html>

<html>

<head>

<!-- Include meta tag to ensure proper rendering and touch zooming -->

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

<!-- Include jQuery Mobile stylesheets -->

<link rel="stylesheet" href="http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.css">

<!-- Include the jQuery library -->

<script src="http://code.jquery.com/jquery-1.11.3.min.js"></script>

<!-- Include the jQuery Mobile library -->

<script src="http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.js"></script></head><style>

#footer { position: inherit; width: inherit;

bottom: 0;

}

#myPanel { width: 40%;

}

.hero { display: flex; flex-direction: column; align-items: center; justifycontent: center;

/\* text-align: center; \*/

}

</style>

<body>

<div data-role="page" id="page1">

<div data-role="panel" id="myPanel" data-position="right" data-display="overlay">

<div data-role="header" data-theme="b">

<h1>Register</h1>

</div>

<form method="post" action="#pageone" data-ajax="false">

<label for="name">Name : <span>\*</span></label>

<input type="text" name="name" id="name" placeholder="Name">

<label for="email">Email: <span>\*</span></label>

<input type="email" id="email" name="email" placeholder="Email" />

<fieldset data-role="controlgroup" class="ui-field-contain">

<legend>Gender:</legend>

<label for="male">Male</label>

<input type="radio" name="gender" id="male" value="male">

<label for="female">Female</label>

<input type="radio" name="gender" id="female" value="female">

</fieldset>

<fieldset class="ui-field-contain">

<label for="day">Select Day: </label>

<select name="day" id="day">

<option value="mon">Monday</option>

<option value="tue">Tuesday</option>

<option value="wed">Wednesday</option>

</select>

</fieldset>

<label for="info">Message:</label>

<textarea name="addinfo" id="info" placeholder="Message"></textarea>

<input type="submit" data-inline="true" value="Submit" data-theme="b"></form>

</div>

<div data-role="header" data-theme="b">

<button class="ui-btn ui-icon-home ui-btn-icon-left">Home</button>

<h1>Tech Seminar</h1>

</div>

<div data-role="main" class="ui-content">

<div class="hero" data-theme="b">

<h1>The Grand Tech seminar</h1>

<h2>Now in your city.</h2>

<a href="#myPanel" class="ui-btn">Book seat</a>

</div>

<div class="ui-grid-b ui-responsive">

<div data-role="collapsible" class="ui-block-a">

<h1>1st Event</h1>

<p>Lorem ipsum dolor sit amet consectetur, adipisicing elit. Consequuntur laudantium unde magnam molestiae repudiandae sequi dignissimos voluptate, non quas reiciendis, omnis earum eligendi..

</p>

</div>

<div data-role="collapsible" class="ui-block-b">

<h1>2nd Event</h1>

<p>I'm the expanded content. Lorem ipsum dolor sit amet, consectetur adipisicing elit. Facilis enim iste

Officiis, corrupti ullam. Iusto, debitis architecto a aspernatur nemo ab atque asperiores necessitatibus neque? Iure corrupti minus dolorem sequi optio enim qui!</p>

</div>

<div data-role="collapsible" class="ui-block-c">

<h1>3rd Event</h1>

<p> Lorem ipsum dolor, sit amet consectetur adipisicing elit. Magni veniam distinctio, inventore consectetur quo explicabo pariatur similique sint soluta ratione sapiente ex odio. I'm the expanded content.</p></div>

</div>

</div>

<div id="footer" data-role="footer" data-theme="b">

<h1>Made By Ashish</h1>

</div>

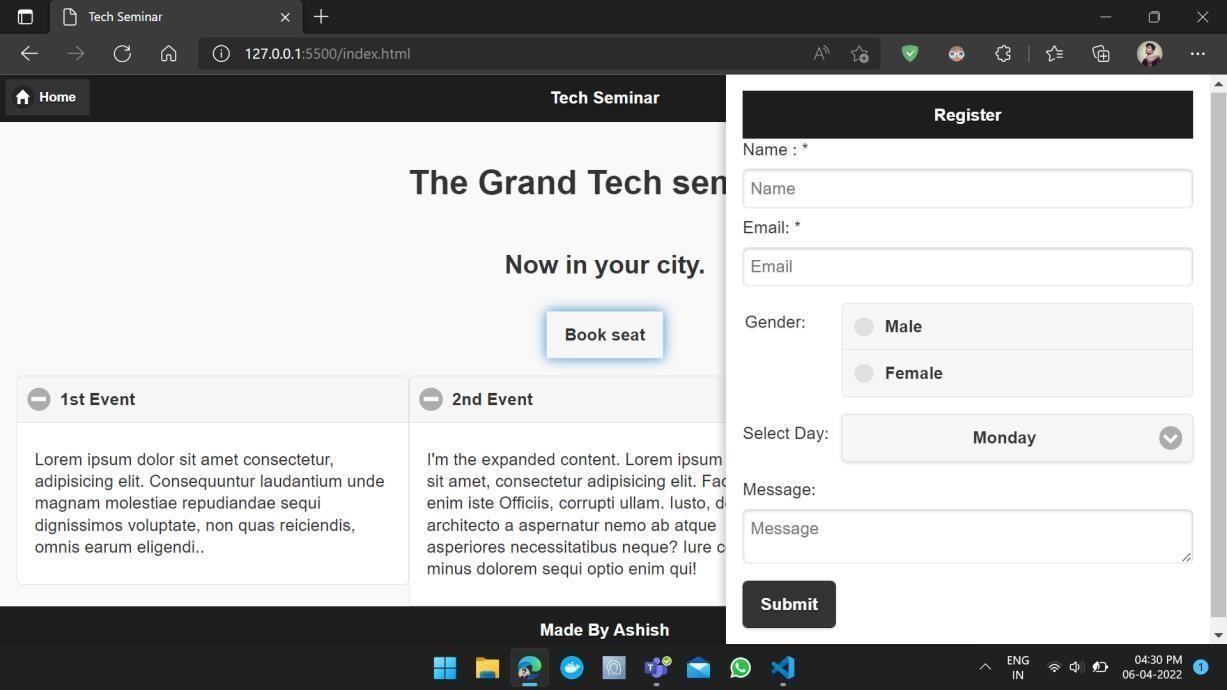
</div>

</body>

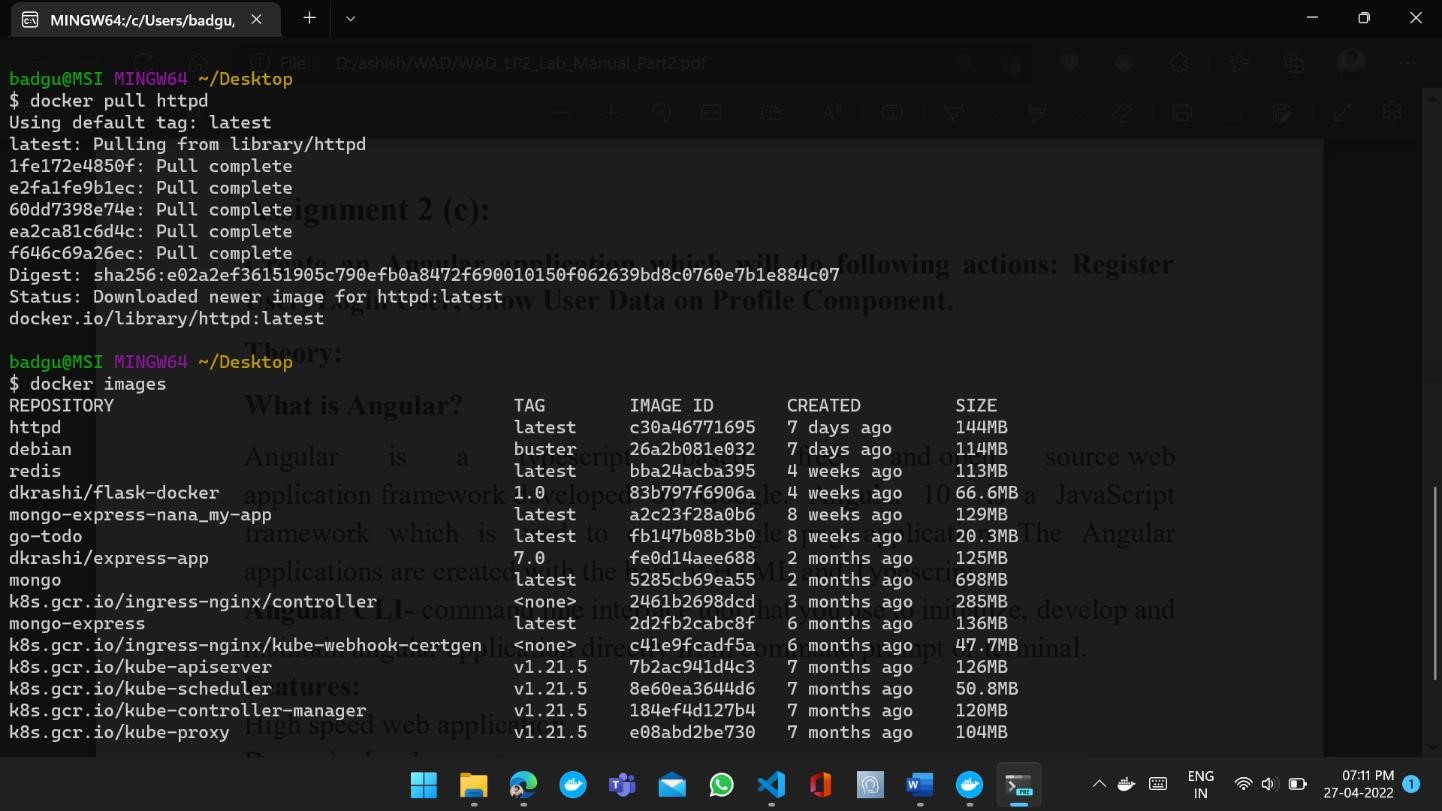
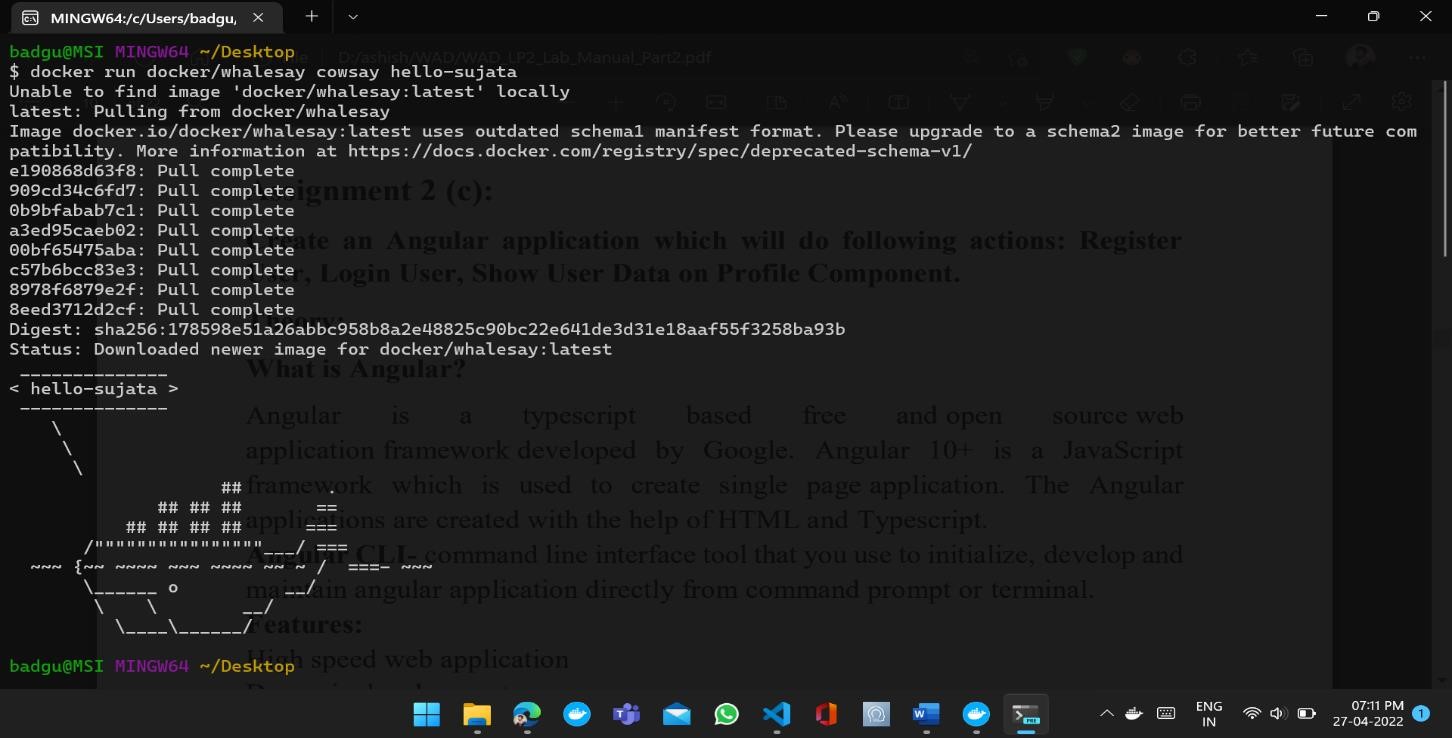
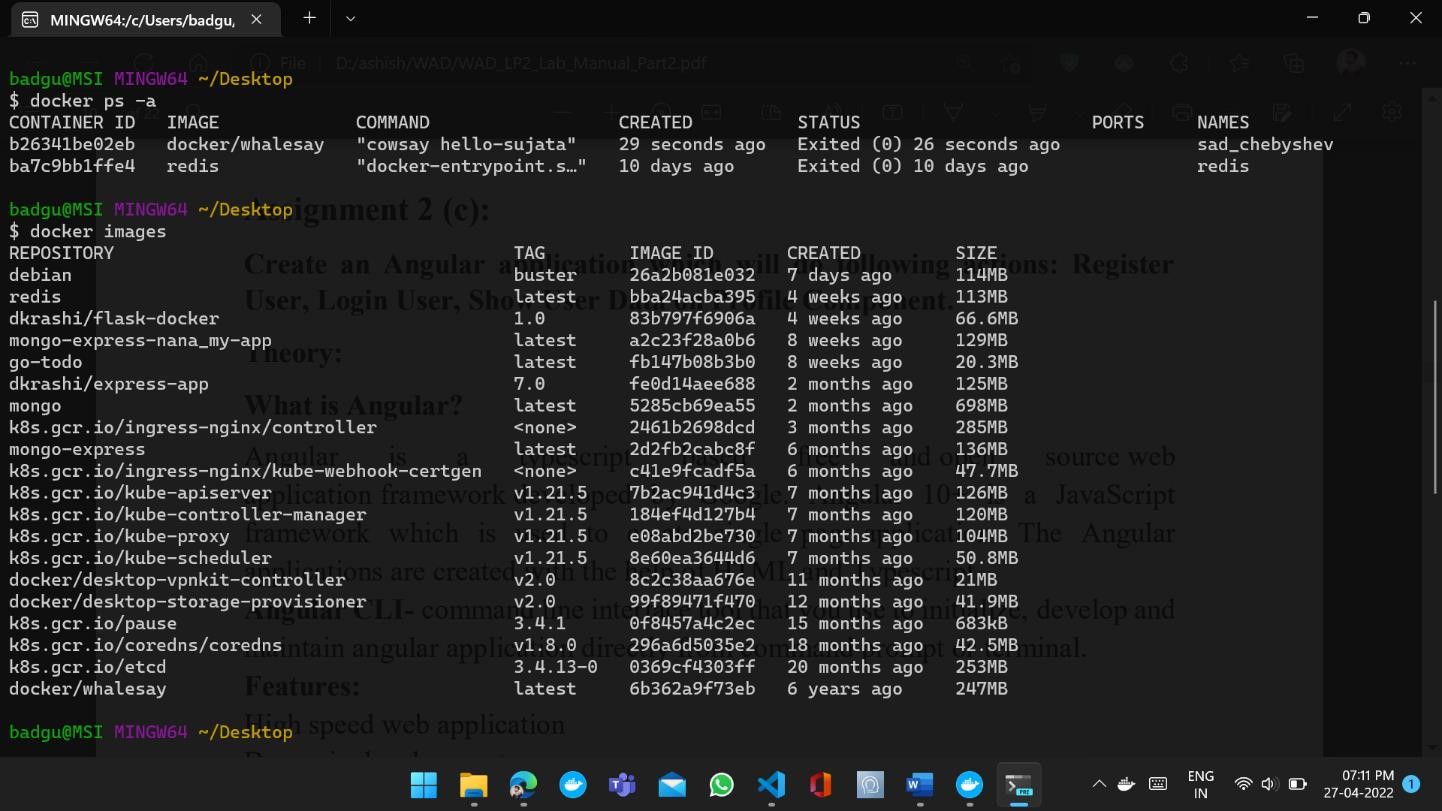
</html>



**Output**



# Assignment 3(b)



Assignment 2(c)

**Login.component.ts**

import { Component, OnInit, Input, Output, EventEmitter } from '@angular/core'; import { Profile } from 'src/app/models/Profile';

@Component({

selector: 'app-login', templateUrl: './login.component.html', styleUrls: ['./login.component.css']

})

export class LoginComponent implements OnInit { inputEmail: string = ""; inputPassword: string = "";

@Input() profile!: Profile;

@Output() cardEvent = new EventEmitter<number>(); constructor() { } ngOnInit(): void {

} login() { if (this.inputEmail == this.profile.email && this.inputPassword == this.profile.password) { this.cardEvent.emit(2)

}

}

}

**Register.component.ts** import { Component, OnInit, Input, Output, EventEmitter } from '@angular/core'; import { Profile } from 'src/app/models/Profile';

@Component({

selector: 'app-register', templateUrl: './register.component.html', styleUrls: ['./register.component.css']

})

export class RegisterComponent implements OnInit {

inputName: string = ""; inputEmail: string = ""; inputPassword: string = "";

@Output() cardEvent = new EventEmitter<number>();

@Output() profileEvent = new EventEmitter<Profile>();

constructor() { } ngOnInit(): void {

}

register() { this.profileEvent.emit({ name: this.inputName, email: this.inputEmail, password: this.inputPassword

})

this.cardEvent.emit(1)

}

}

**Profile.component.ts** import { Component, OnInit, Input } from '@angular/core'; import { Profile } from 'src/app/models/Profile';

@Component({

selector: 'app-profile', templateUrl: './profile.component.html', styleUrls: ['./profile.component.css']

})

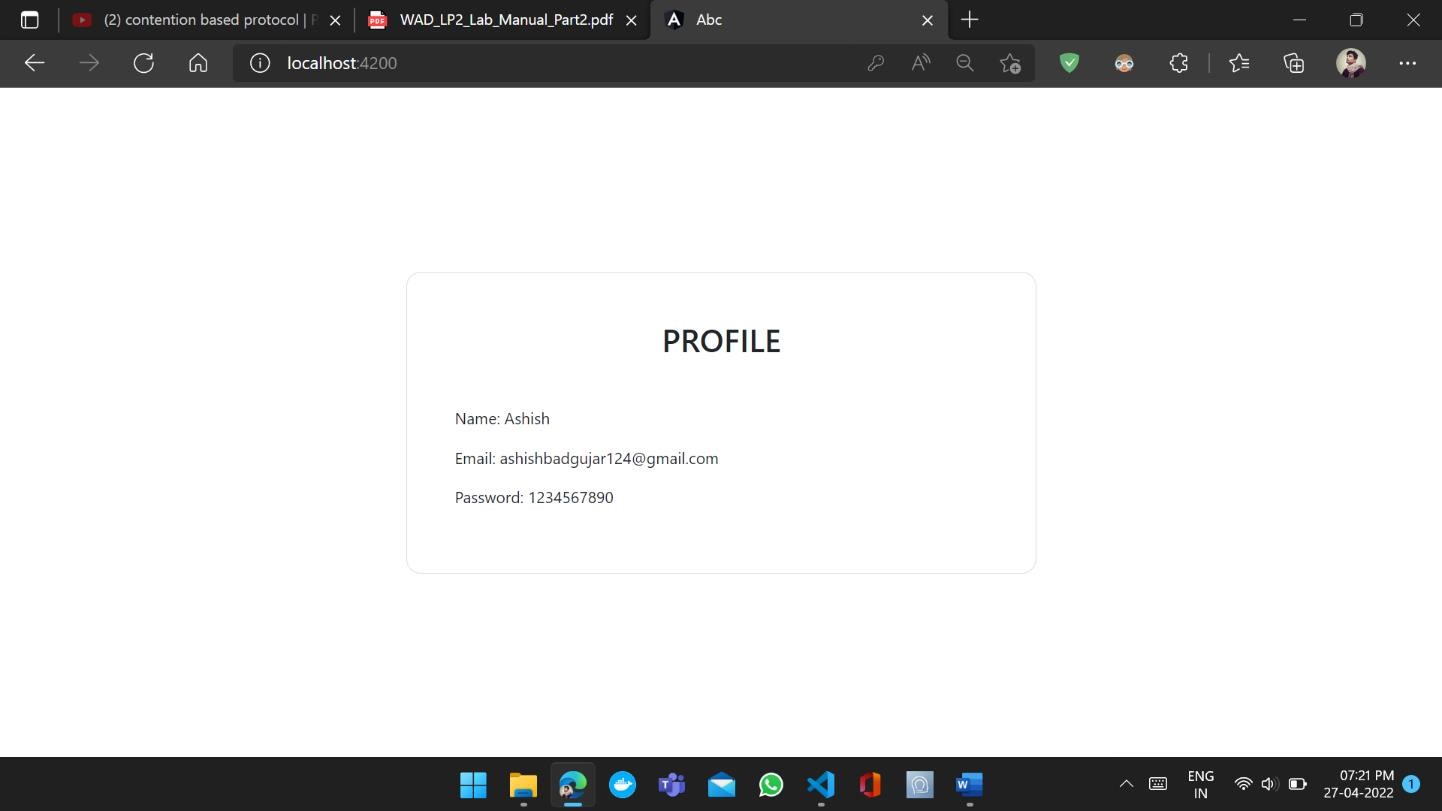
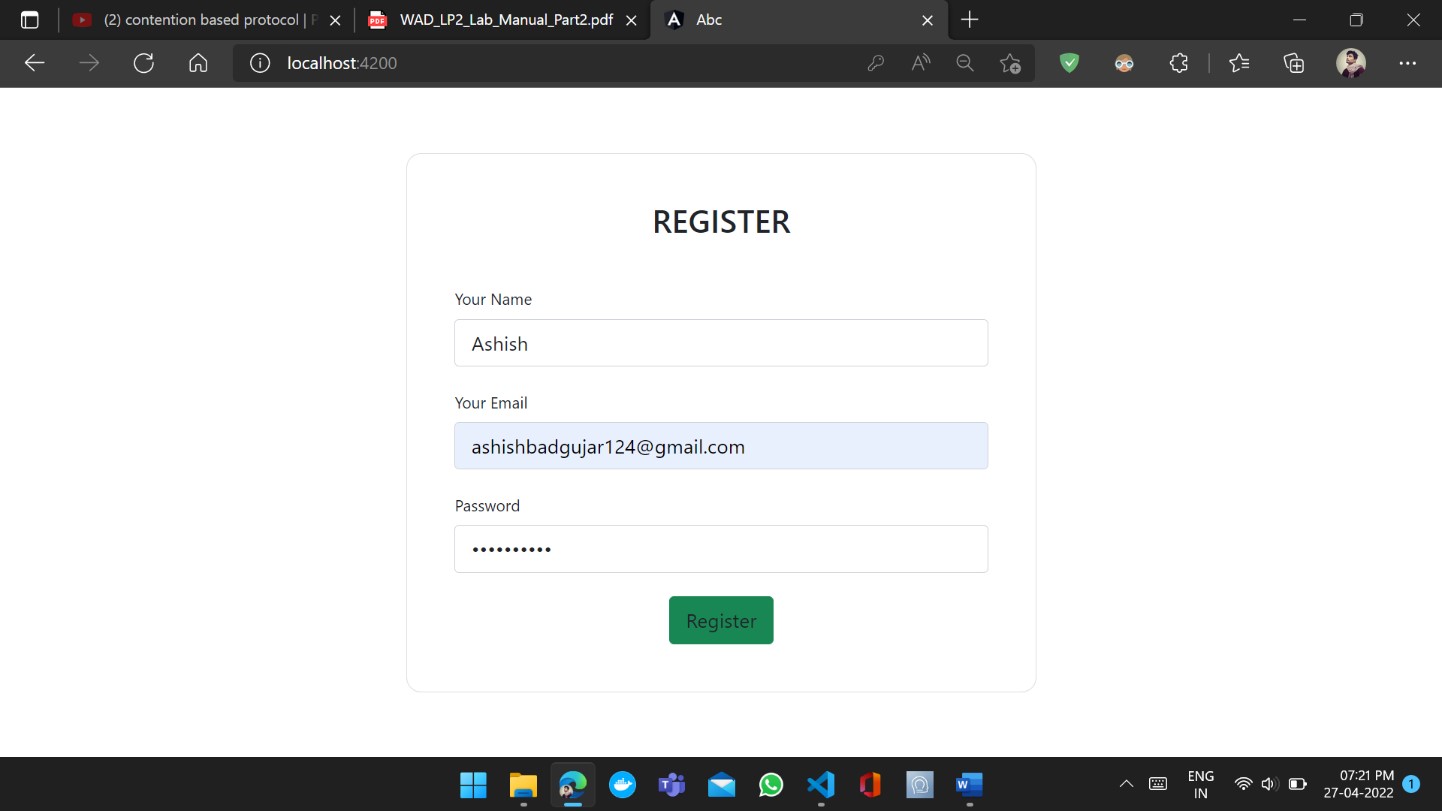
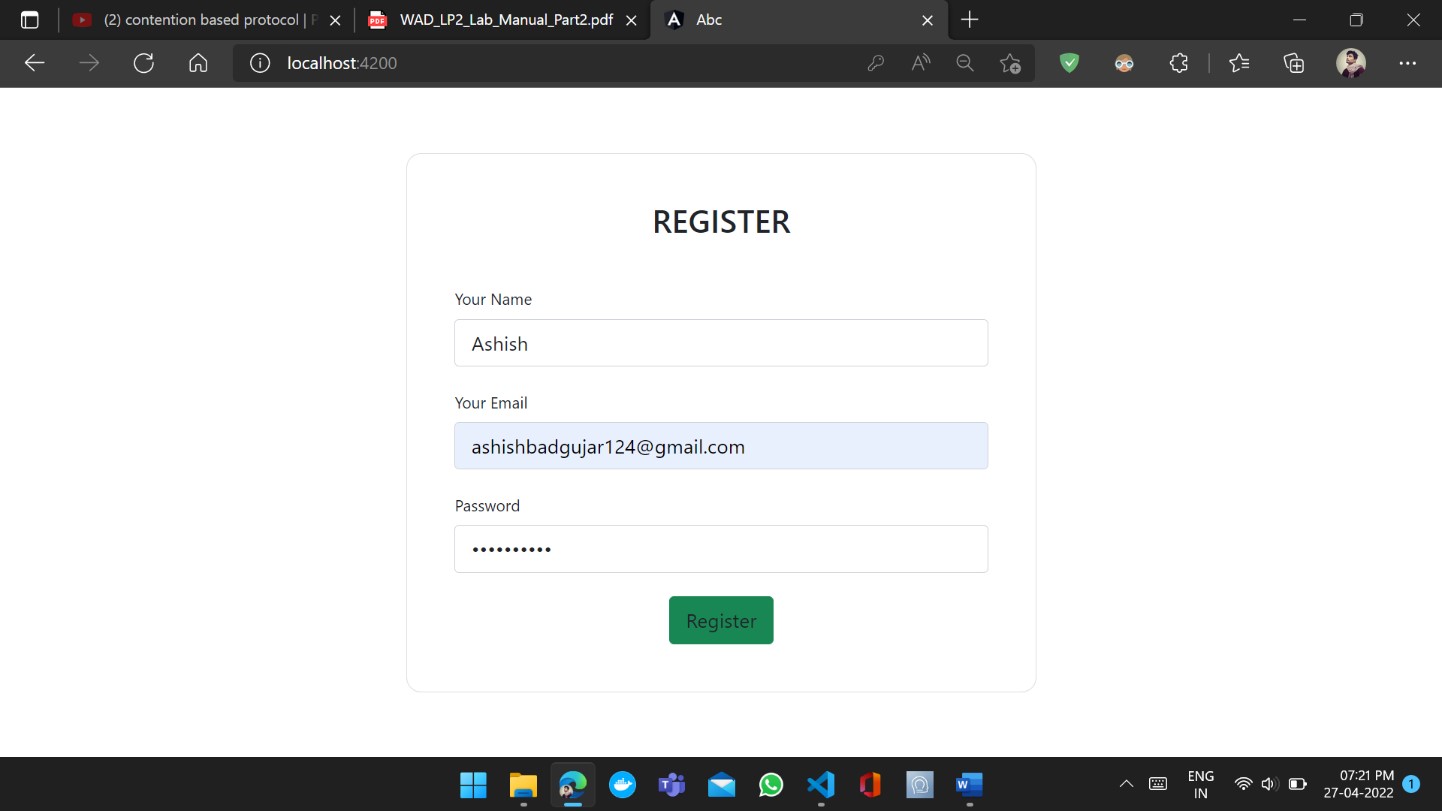
export class ProfileComponent implements OnInit {

@Input() profile!: Profile; constructor() { }

ngOnInit(): void {

}

}



# Assignment 3(b)

**Index.js**

let express = require('express'); let MongoClient = require('mongodb').MongoClient; let bodyParser = require('body-parser'); let app = express();

app.use(bodyParser.urlencoded({ extended: true

}));

app.use(bodyParser.json());

let mongoUrlLocal = "mongodb://localhost:27017";

let mongoClientOptions = { useNewUrlParser: true, useUnifiedTopology: true };

let databaseName = "wad-db";

app.post('/register', function (req, res) { let userObj = req.body;

MongoClient.connect(mongoUrlLocal, mongoClientOptions, function (err, client) { if (err) throw err; let db = client.db(databaseName);

let myquery = { email: userObj.email };

db.collection("users").findOne(myquery, function (err, result) { if (err) throw err; if (result) { res.send({ err: "user exist" })

} else { db.collection("users").insertOne(userObj, function (err, result) { if (err) throw err client.close(); res.send(result ? result : {});

});

}

});

});

});

app.post('/update', function (req, res) { let userObj = req.body; MongoClient.connect(mongoUrlLocal, mongoClientOptions, function (err, client) { if (err) throw err;

let db = client.db(databaseName); let myquery = { email: userObj.email }; let newvalues = { $set: userObj }; db.collection("users").updateOne(myquery, newvalues, { upsert: true }, function (err, res) { if (err) throw err; client.close();

});

});

res.send(userObj);

});

app.delete('/:id', function (req, res) { let id = req.params.id;

MongoClient.connect(mongoUrlLocal, mongoClientOptions, function (err, client) { if (err) throw err;

let db = client.db(databaseName); let myquery = { email: id };

db.collection("users").findOneAndDelete(myquery, function (err, result) { if (err) throw err; response = result; client.close();

res.send(response ? response : {});

});

});

})

app.get('/:id', function (req, res) { let response = {}; let id = req.params.id;

MongoClient.connect(mongoUrlLocal, mongoClientOptions, function (err, client) { if (err) throw err;

let db = client.db(databaseName); let myquery = { email: id };

db.collection("users").findOne(myquery, function (err, result) { if (err) throw err; response = result;

client.close();

res.send(response ? response : {});

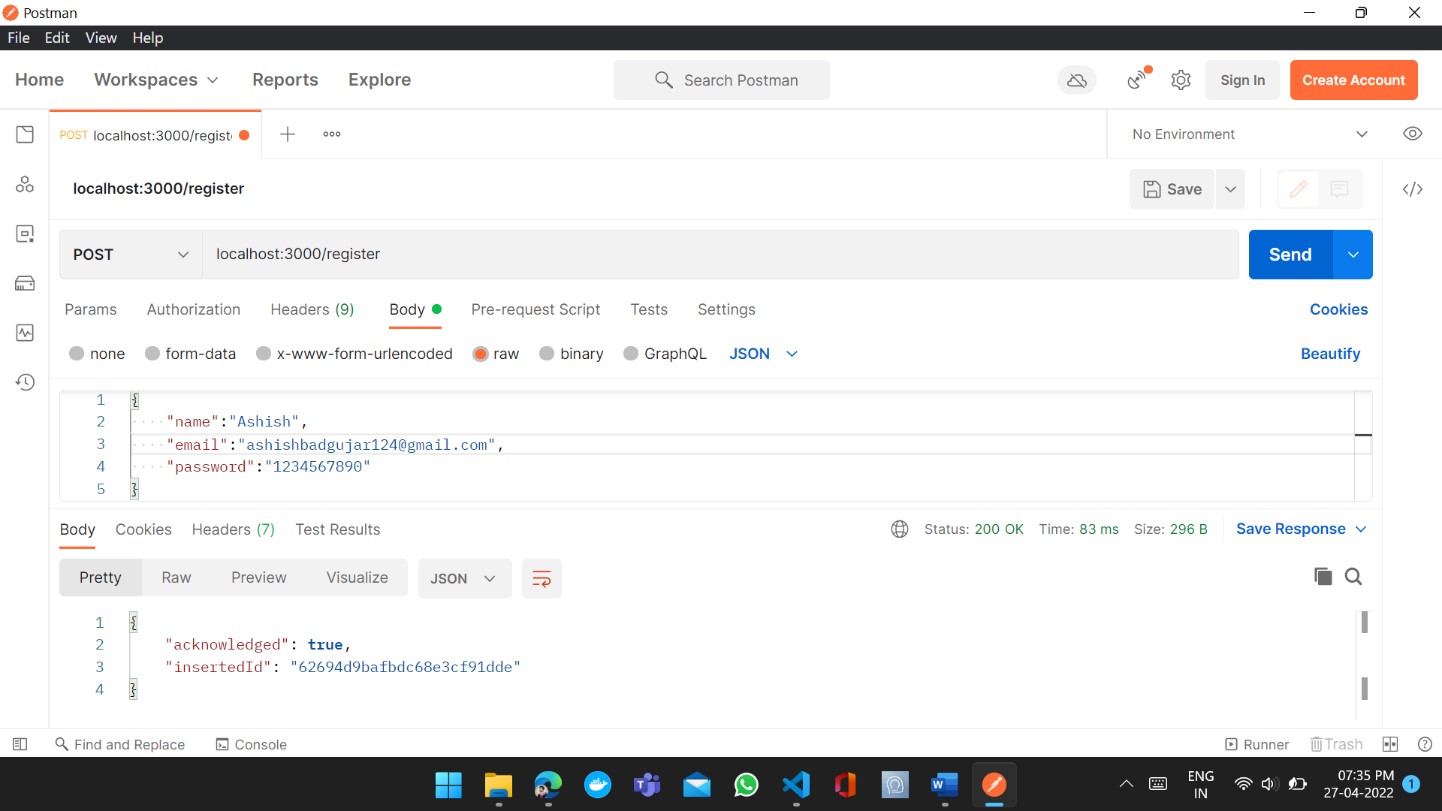
});

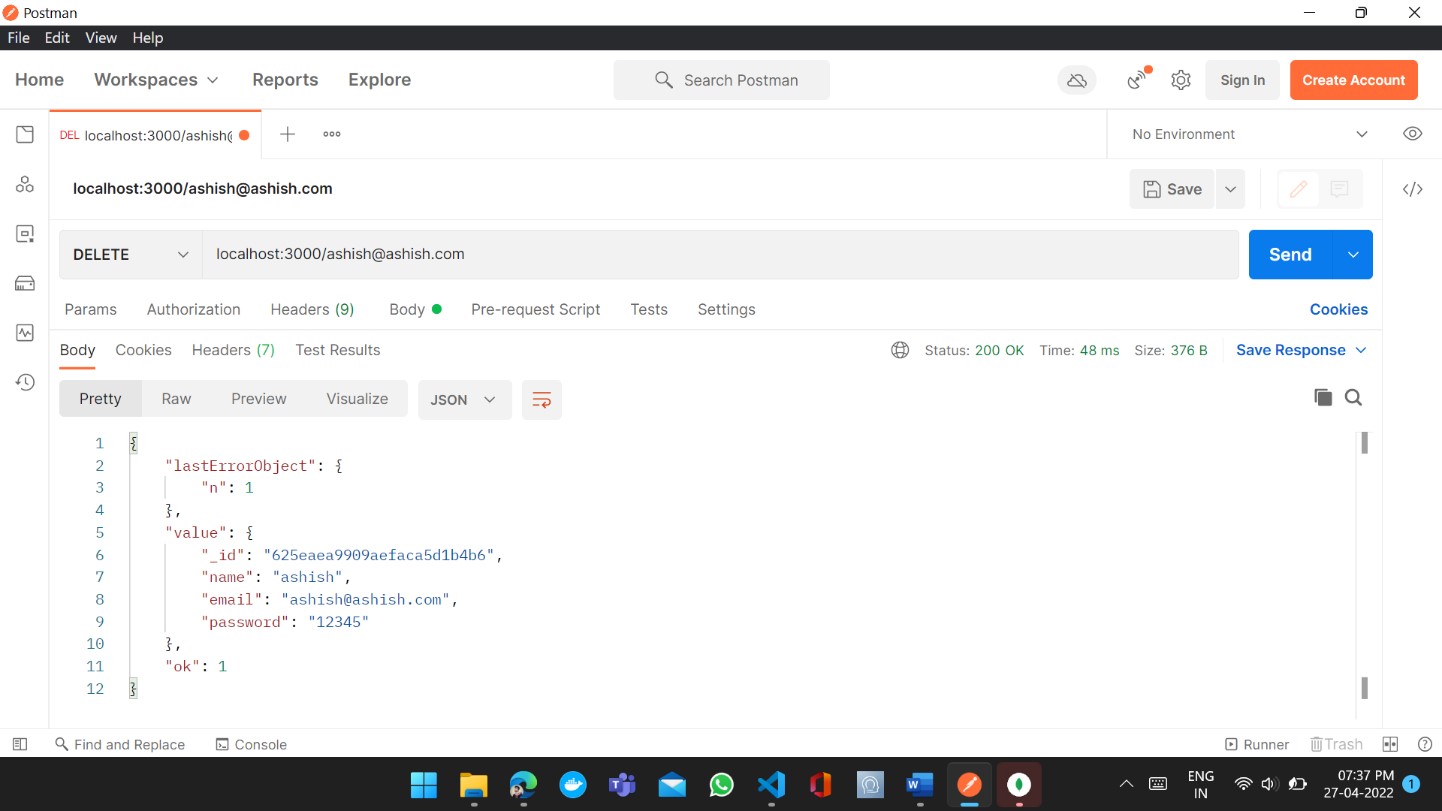
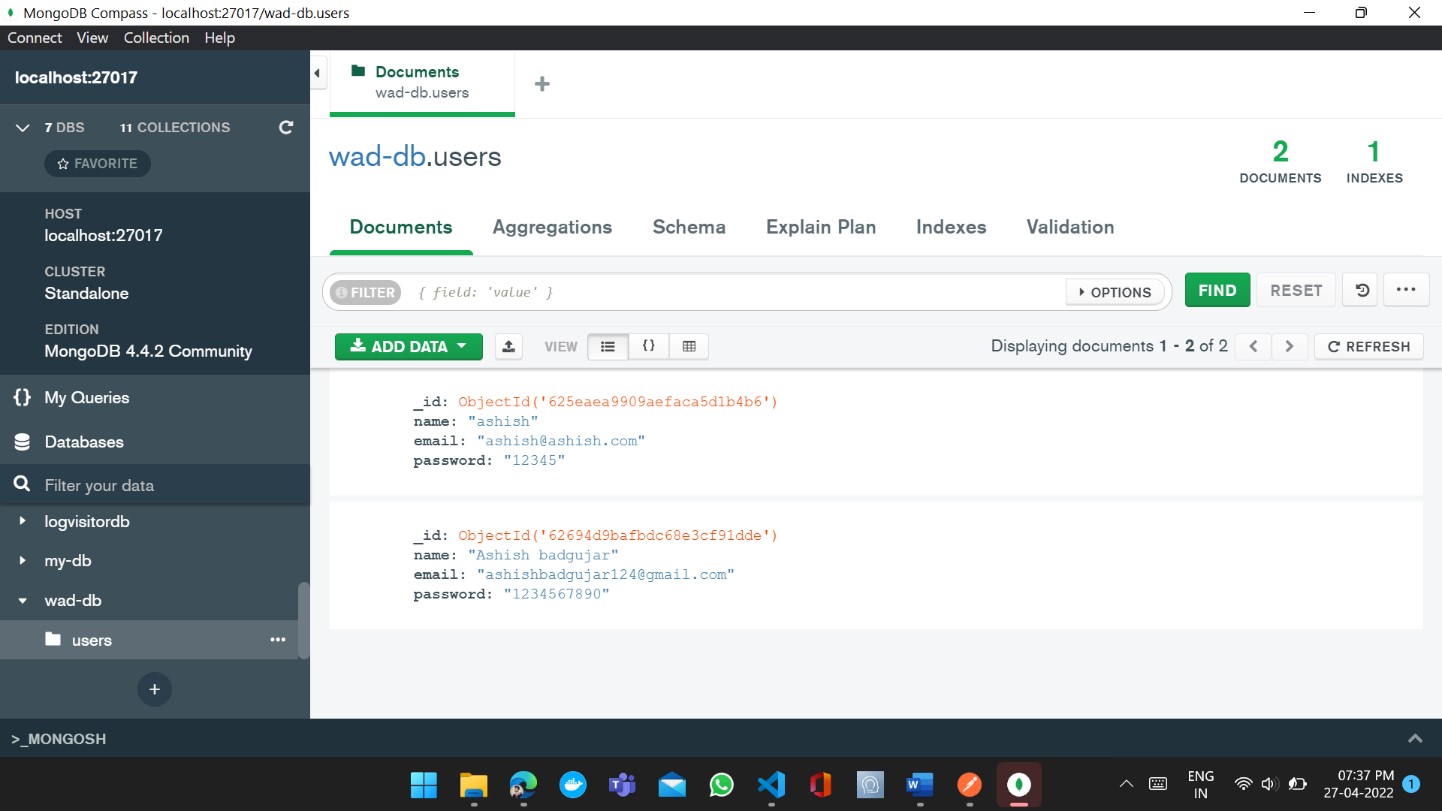
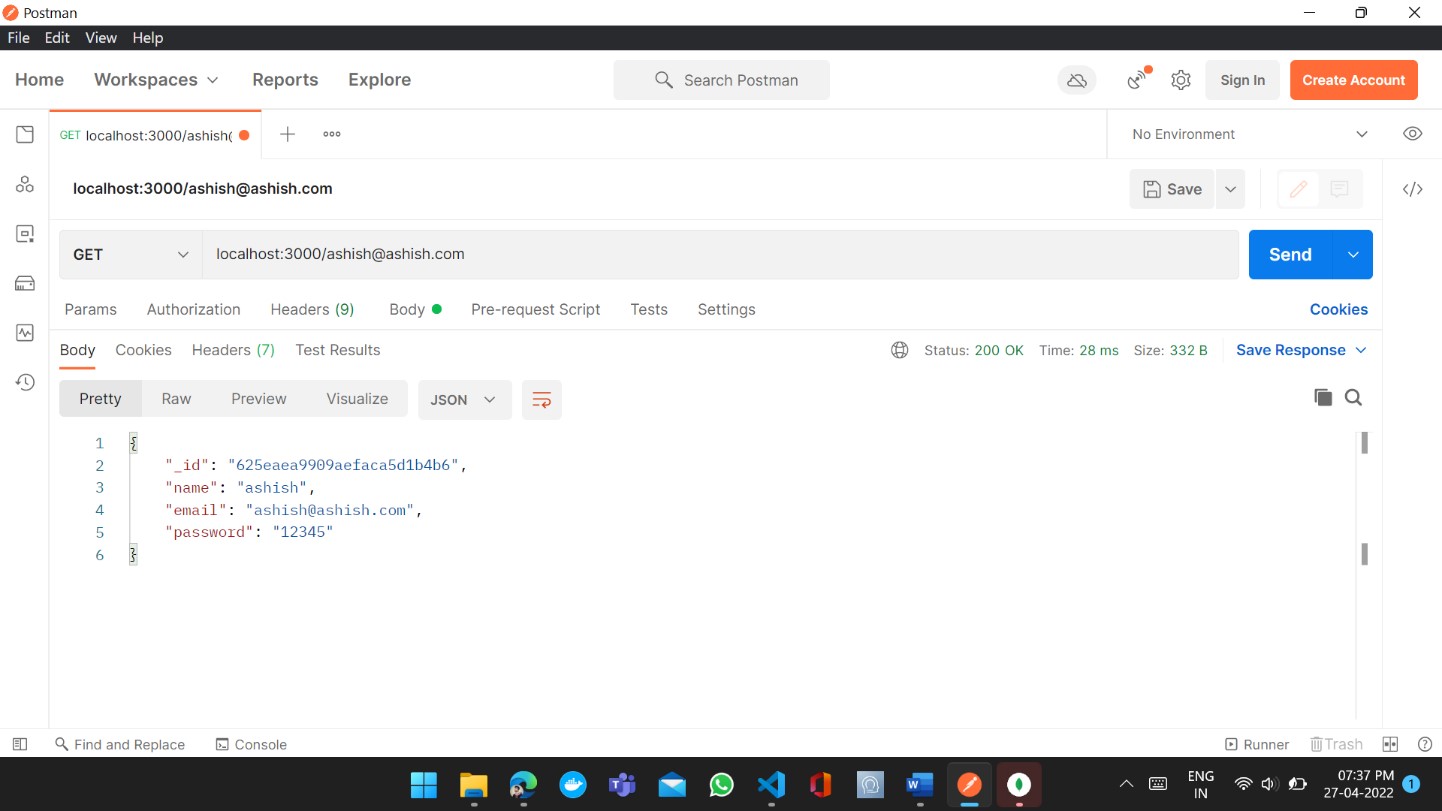
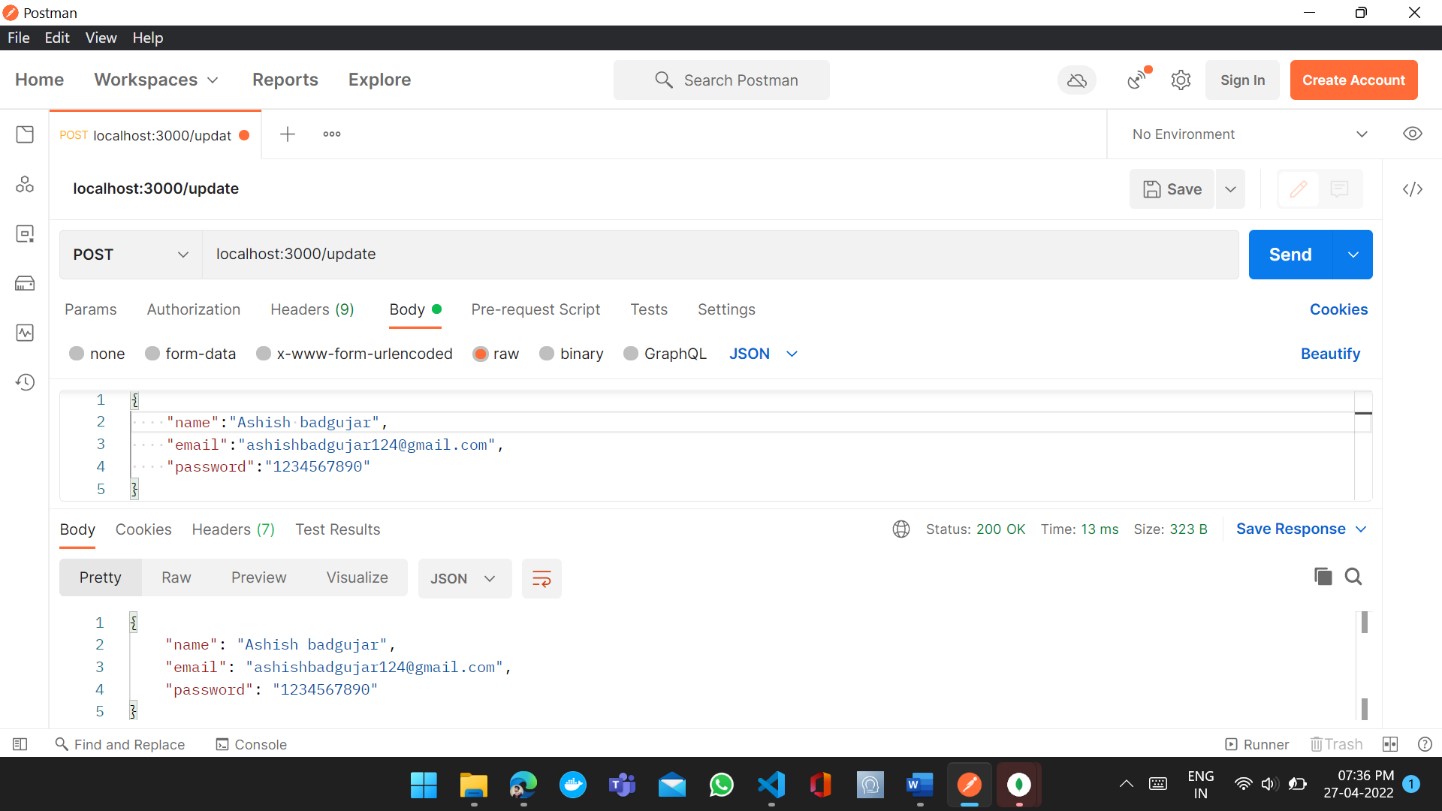
});

});

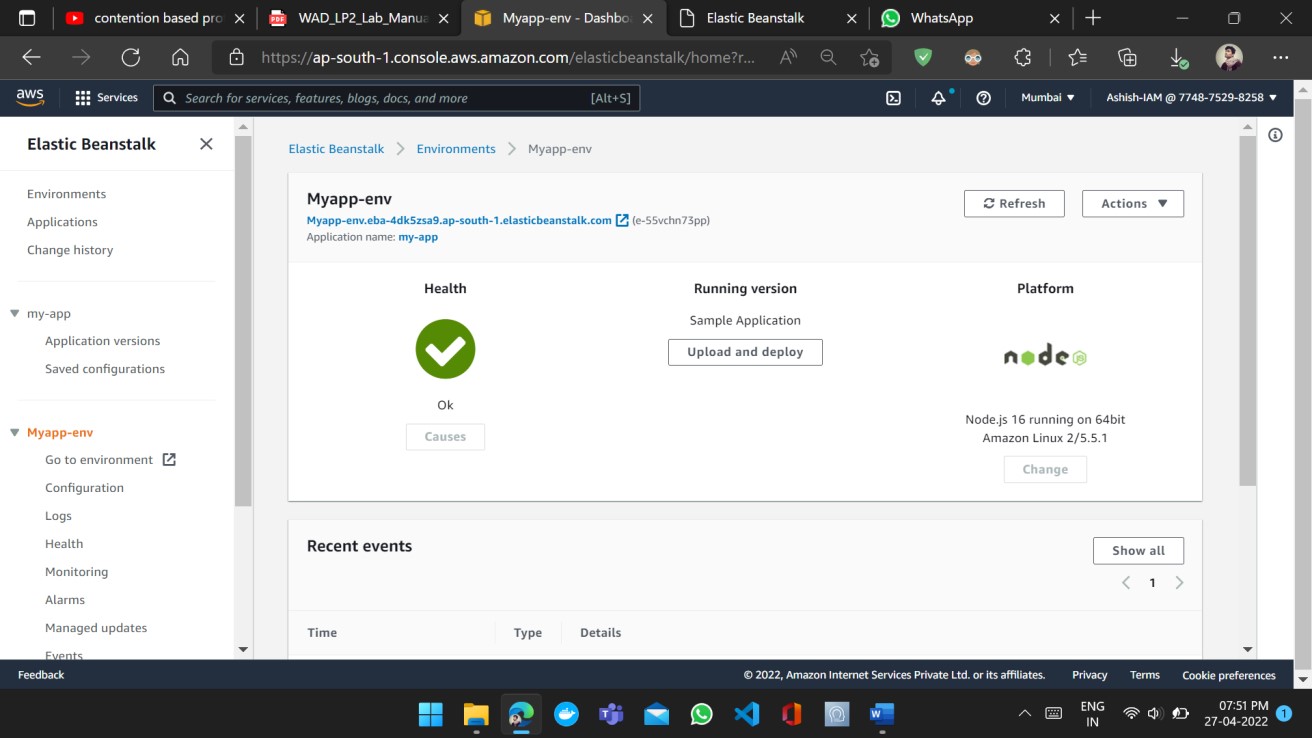
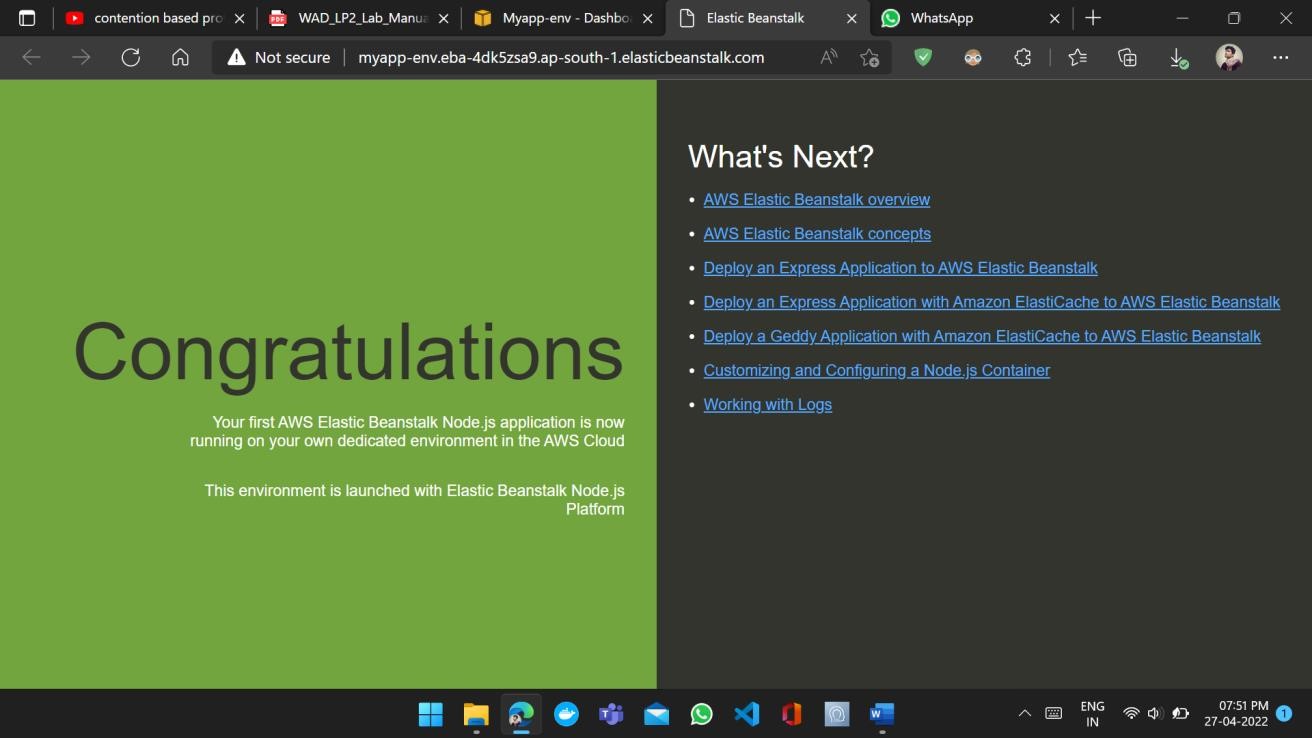
app.listen(3000, function () { console.log("app listening on port 3000!");

});





# Assignment 4(b)



Assignment 2: Ajax post

<html>

<body>

<div id="xyz">

Hello Friends <br>

Welcome to Pune!!!!!<br>

<button type="button" onclick="load()"> Submit </button>

</div>

<script>

function load(){

var req=new XMLHttpRequest()

req.onreadystatechange=function() {

if(this.readyState == 4 && this.status == 200){

document.getElementById("xyz").innerHTML=this.responseText } }

req.open('GET','data.txt',true)

req.send() }

</script>

</body>

</html>