

Exam Seat No:

Name: Aniruddha Sanjay Palekar

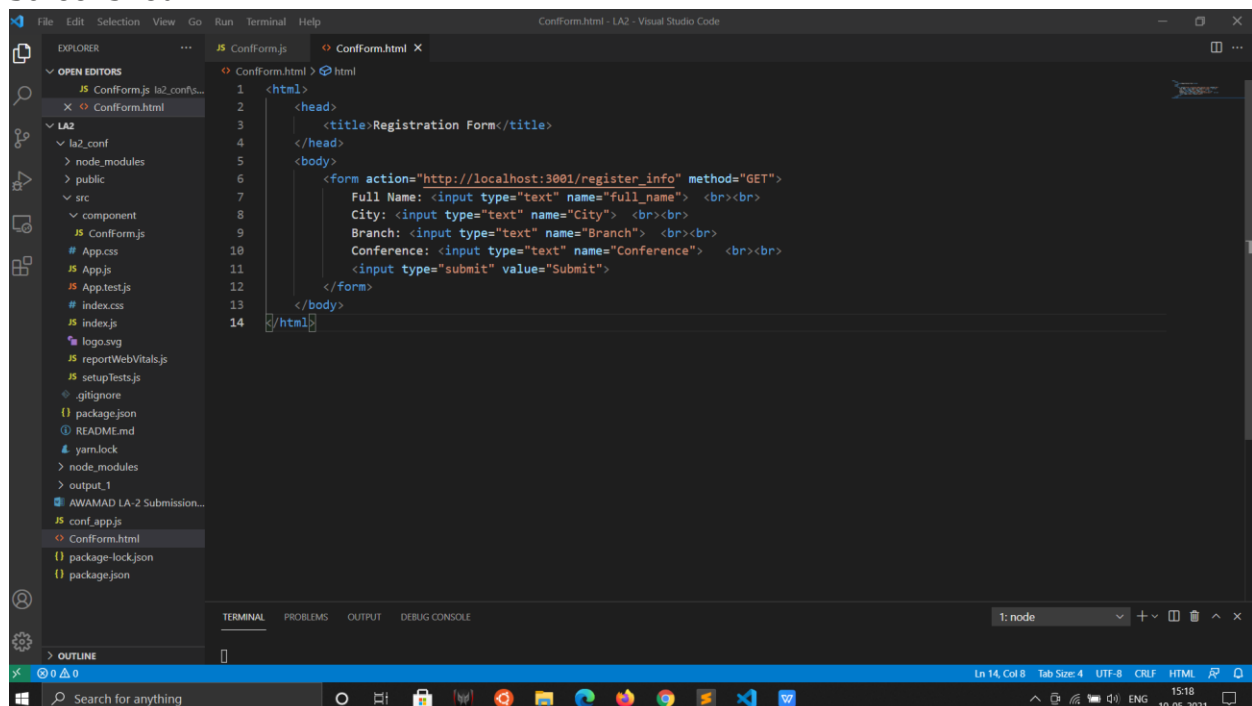
Exam Seat Number: 2018BTECS00044

Problem Statement 1

problem statement:-Create an Express App for Conference registration form with following requirements:

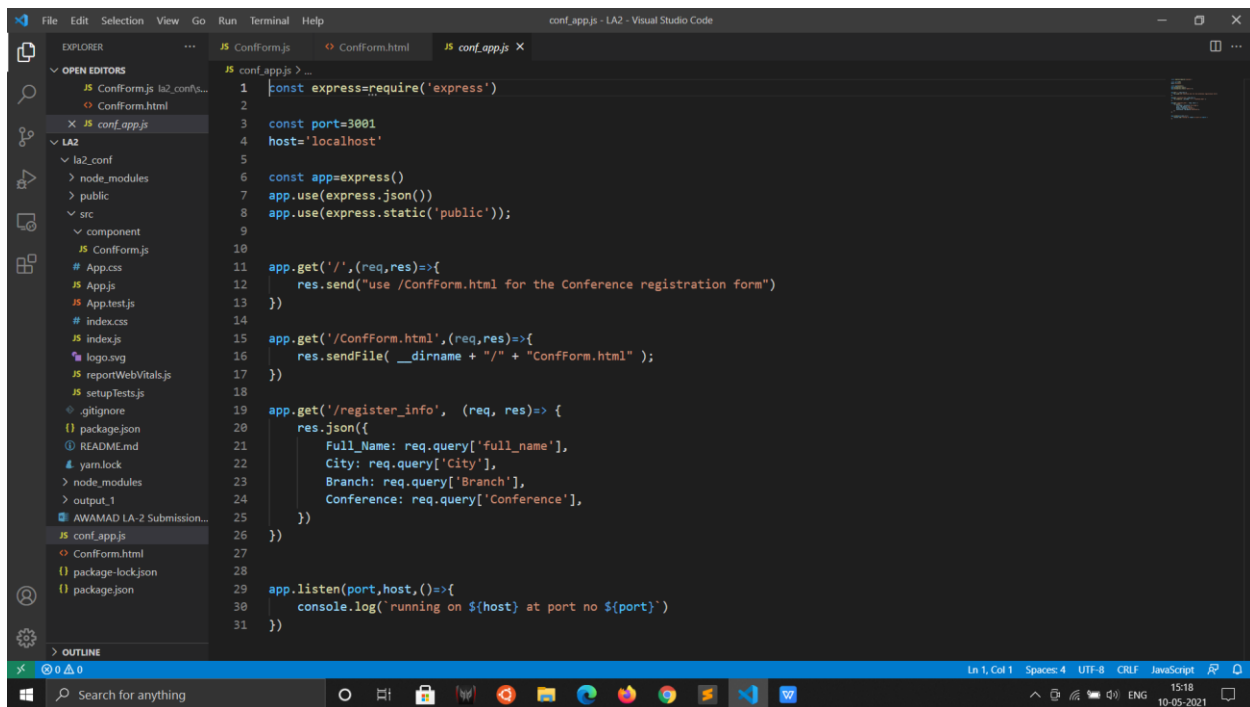
1. Student should fill details (Name, City, Branch, Conference)
2. Use 'ConfForm.html' route and also use root route.
3. Use GET method method to transfer and display the data using JSON
4. Run the Application

Screenshot #:

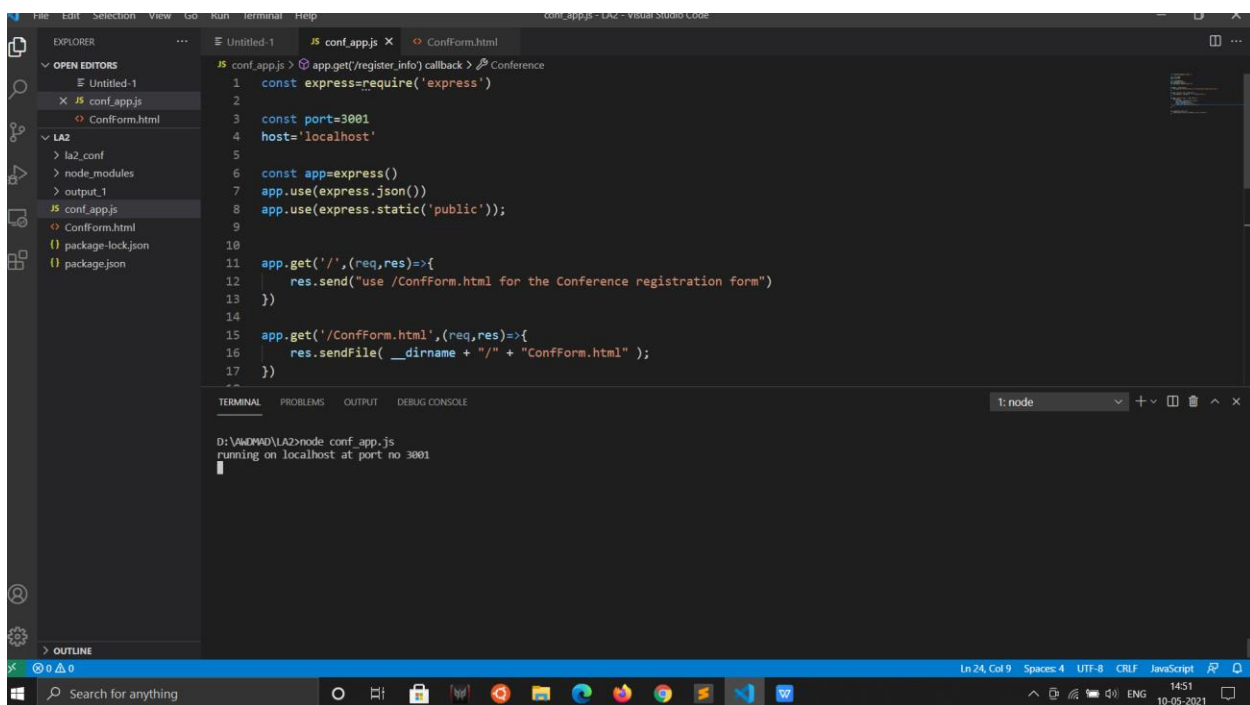


```
1 <html>
2   <head>
3     <title>Registration Form</title>
4   </head>
5   <body>
6     <form action="http://localhost:3001/register_info" method="GET">
7       Full Name: <input type="text" name="full_name"> <br><br>
8       City: <input type="text" name="City"> <br><br>
9       Branch: <input type="text" name="Branch"> <br><br>
10      Conference: <input type="text" name="Conference"> <br><br>
11      <input type="submit" value="Submit">
12    </form>
13  </body>
14 </html>
```

Walchand College of Engineering, Sangli
Department of Computer Science and Engineering



```
1 const express=require('express')
2
3 const port=3001
4 host='localhost'
5
6 const app=express()
7 app.use(express.json())
8 app.use(express.static('public'));
9
10
11 app.get('/',(req,res)=>{
12     res.send("use /ConfForm.html for the Conference registration form")
13 })
14
15 app.get('/ConfForm.html',(req,res)=>{
16     res.sendFile( __dirname + "/" + "ConfForm.html" );
17 })
18
19 app.get('/register_info', (req, res)=> {
20     res.json({
21         Full_Name: req.query['full_name'],
22         City: req.query['City'],
23         Branch: req.query['Branch'],
24         Conference: req.query['Conference'],
25     })
26 })
27
28
29 app.listen(port,host,()=>{
30     console.log('running on $(host) at port no $(port)')
31 })
```



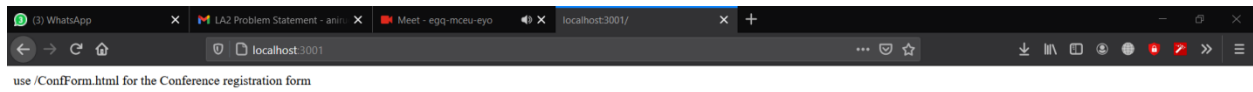
```
1 const express=require('express')
2
3 const port=3001
4 host='localhost'
5
6 const app=express()
7 app.use(express.json())
8 app.use(express.static('public'));
9
10
11 app.get('/',(req,res)=>{
12     res.send("use /ConfForm.html for the Conference registration form")
13 })
14
15 app.get('/ConfForm.html',(req,res)=>{
16     res.sendFile( __dirname + "/" + "ConfForm.html" );
17 })
18
19 app.get('/register_info', (req, res)=> {
20     res.json({
21         Full_Name: req.query['full_name'],
22         City: req.query['City'],
23         Branch: req.query['Branch'],
24         Conference: req.query['Conference'],
25     })
26 })
27
28
29 app.listen(port,host,()=>{
30     console.log('running on $(host) at port no $(port)')
31 })
```

Terminal Output:

```
D:\VMDMAD\LA2>node conf_app.js
running on localhost at port no 3001
```

Walchand College of Engineering, Sangli

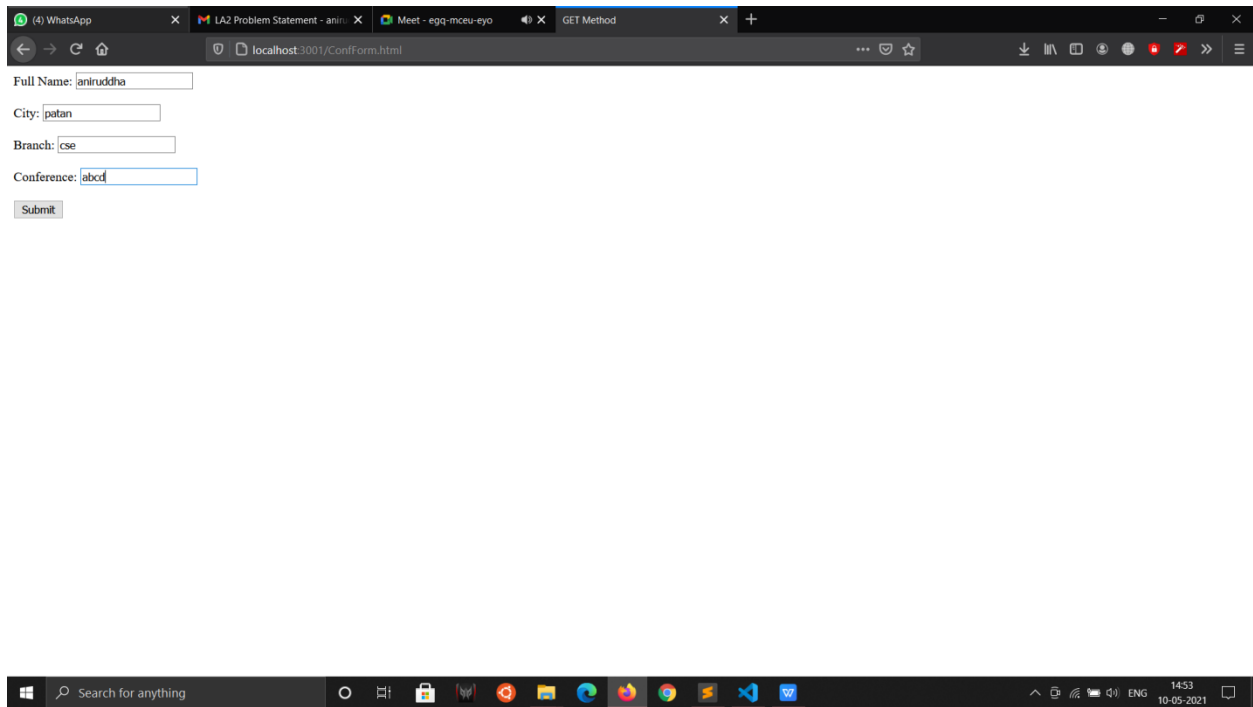
Department of Computer Science and Engineering



A screenshot of a web browser window displaying a conference registration form. The address bar shows 'localhost:3001/ConfForm.html'. The form contains four input fields: 'Full Name:', 'City:', 'Branch:', and 'Conference:'. Below these fields is a 'Submit' button. The browser's taskbar at the bottom shows several open applications, including WhatsApp, LA2 Problem Statement, and a meeting window.

Walchand College of Engineering, Sangli

Department of Computer Science and Engineering

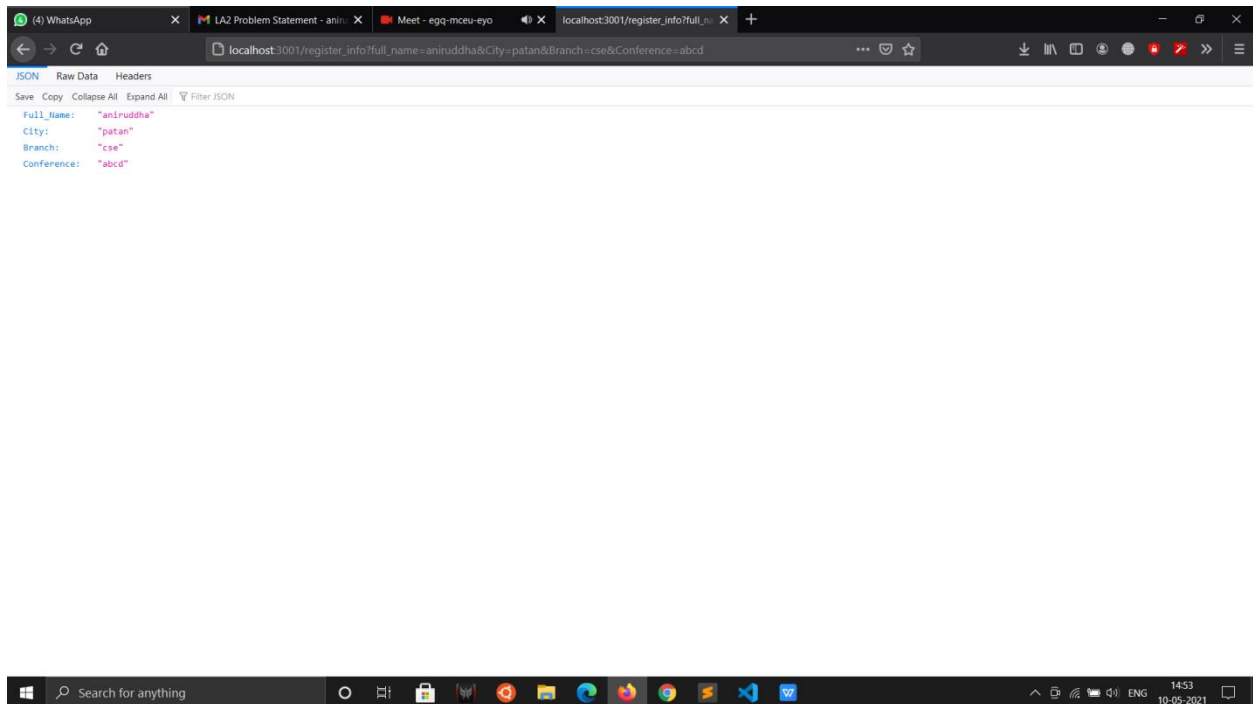


Full Name:

City:

Branch:

Conference:



localhost:3001/register_info?full_name=aniruddha&City=patan&Branch=cse&Conference=abcd

```
JSON
Raw Data
Headers
Save Copy Collapse All Expand All Filter JSON
Full Name: "aniruddha"
City: "patan"
Branch: "cse"
Conference: "abcd"
```

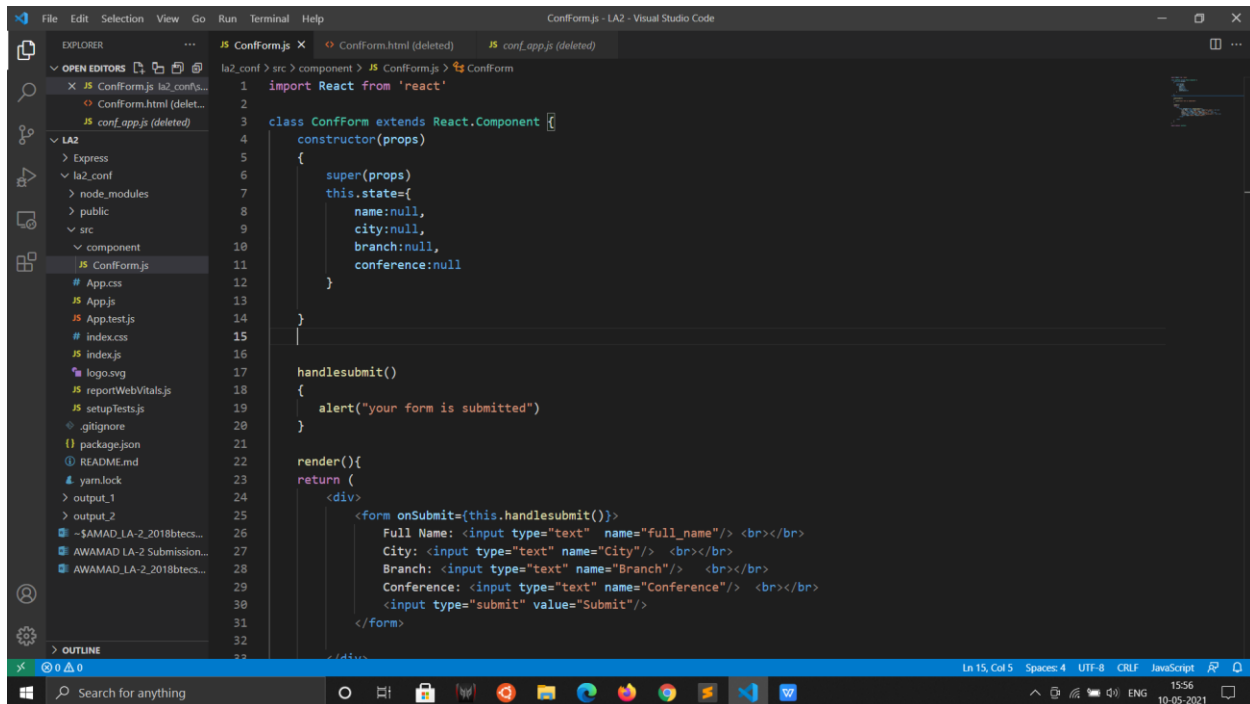
Information #:

Problem Statement 2

problem statement2:-Create a React App for Conference Registration form with following requirements:

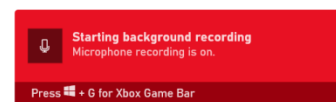
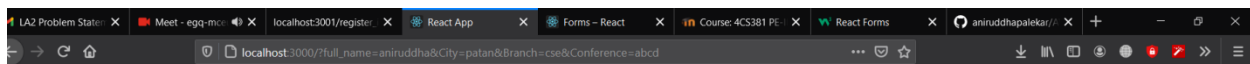
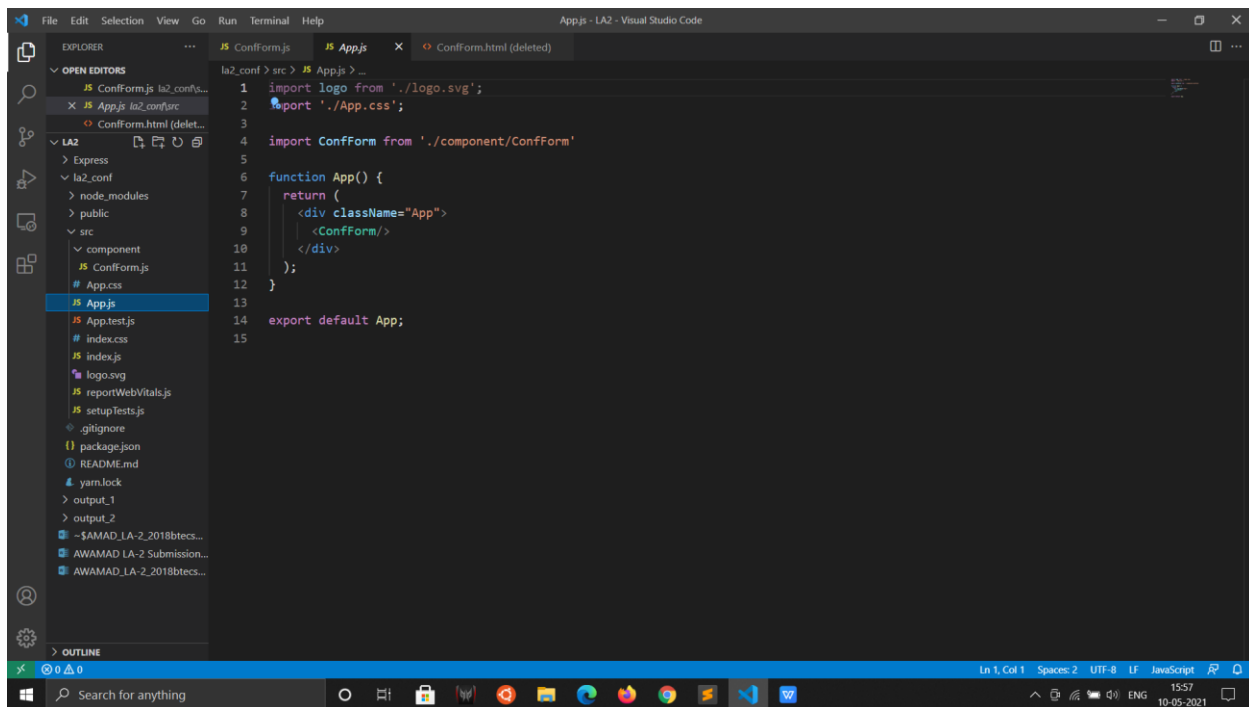
1. Use Components and props appropriately
2. Use Controlled Components
3. Create at least one user defined component
4. Run the application

Screenshot #:

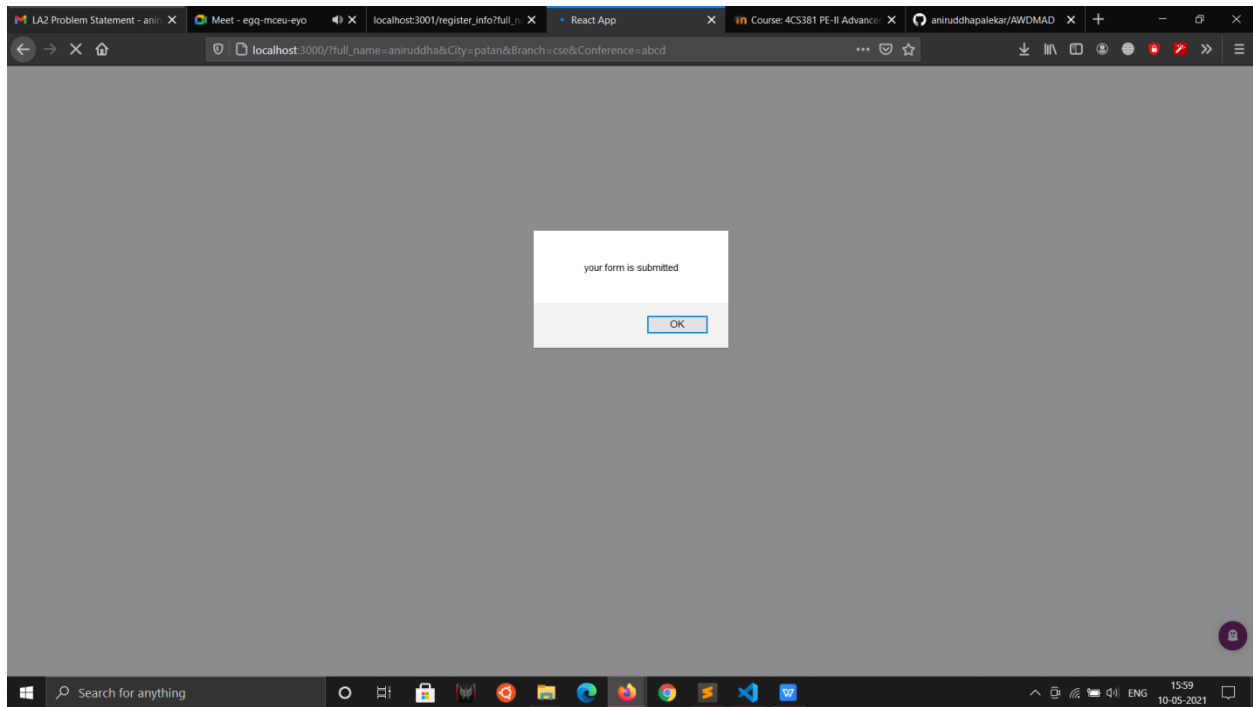


```
1 import React from 'react'
2
3 class ConfForm extends React.Component {
4   constructor(props) {
5     super(props)
6     this.state = {
7       name: null,
8       city: null,
9       branch: null,
10      conference: null
11    }
12  }
13
14  handleSubmit() {
15    alert("your form is submitted")
16  }
17
18  render() {
19    return (
20      <div>
21        <form onSubmit={this.handleSubmit}>
22          Full Name: <input type="text" name="full_name"/> <br/></br>
23          City: <input type="text" name="City"/> <br/></br>
24          Branch: <input type="text" name="Branch"/> <br/></br>
25          Conference: <input type="text" name="Conference"/> <br/></br>
26          <input type="submit" value="Submit"/>
27        </form>
28      </div>
29    )
30  }
31 }
```

Walchand College of Engineering, Sangli
Department of Computer Science and Engineering



Walchand College of Engineering, Sangli
Department of Computer Science and Engineering



Information #:

GitHub Link:-<https://github.com/aniruddhapalekar/AWDMAD>