**REGISTER PAGE**

**FOLDERS:**

1. **Database: connections.js**
2. **MSQL\_NODE: index.js, register.html**

**Files Codes:**

**Connections.js**

**var** mysql = require('mysql')

**var** con = mysql.createConnection({

    host: '127.0.0.1',

    port:'3306',

    user:'root',

    password:'Kamanzi@9',

    database: 'college',

})

*//Test for errors and throw an error message, including the server's error code if one occurs:*

con.connect(**function**(error){

    if (error){

        throw error;

    }

*//enter the code to confirm whether the connection succeeded in the console*

    else{

        console.log('Connected to MYSQL')

    }

})

module.exports = con

**index.js**

**var** express = require('express')

**var** app =express()

**var** con = require('../Database/connections')

**var** bodyparser = require('body-parser')

app.get('/',(req,res)**=>**{

    res.sendFile(\_\_dirname + '/register.html')

})

app.use(bodyparser.json())

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

app.post('/',(req,res)**=>**{

**var** name = req.body.name

**var** email = req.body.email

**var** mno = req.body.mno

**var** sql= 'INSERT INTO students(name,email,mno) VALUES (?,?,?)';

    con.query(sql, [name,email,mno], **function**(error, results){

        if(error) throw error

        res.send('Student Registered Successfully' + results.InsertId);

    })

})

app.listen(7000,()**=>**{

    console.log('http://localhost:7000')

})

What is Body-parser? body-parser **is essential for handling incoming data in a variety of formats, such as JSON, URL-encoded form data, and raw or text data.**

**bodyParser.urlencoded() middleware function will extract this data from the request body and make it available as a JavaScript object in req .body**

req. body object allows you to access data in a string or JSON object from the client side.

**Register.html**

<h1>Student Register</h1>

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

    <input type="text" name="name" placeholder="Enter Name"><br><br>

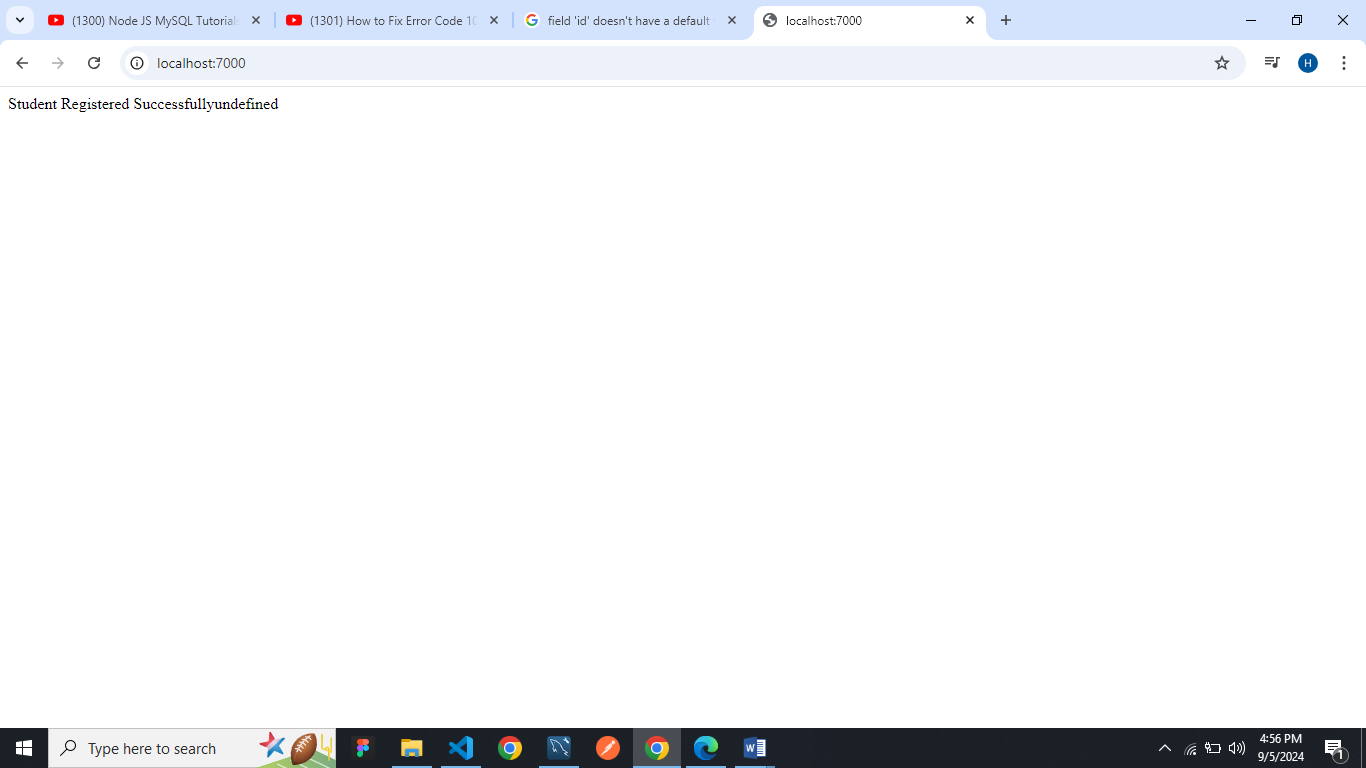
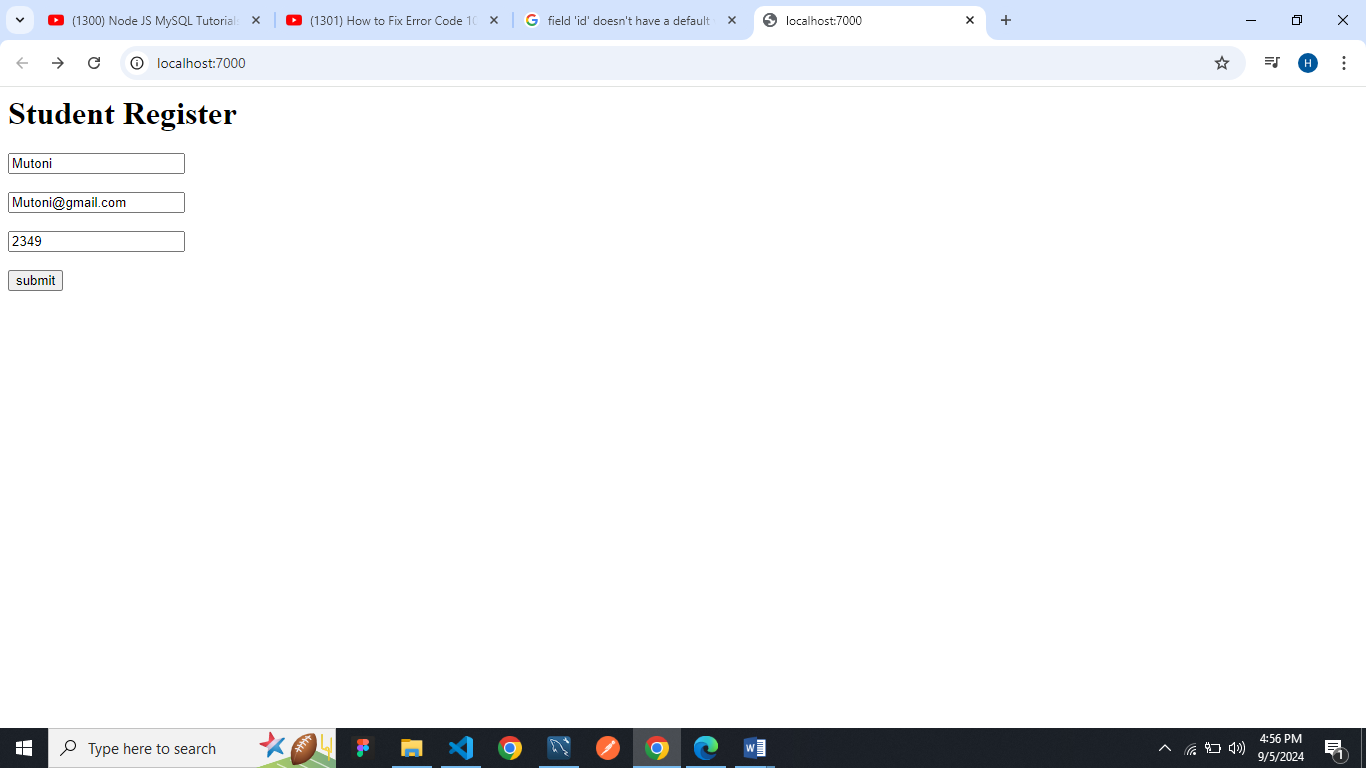
    <input type="email"name="email" placeholder="Enter Email"><br><br>

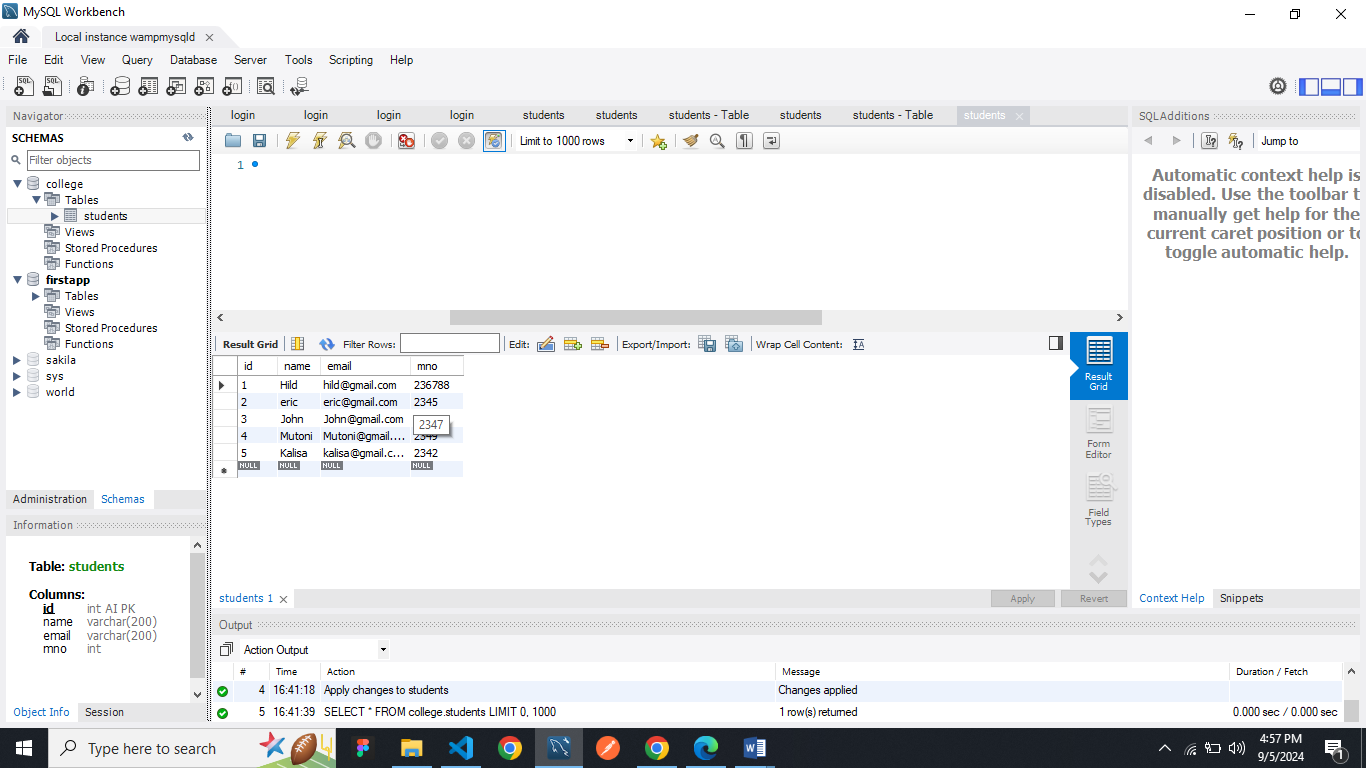
    <input type="number"name="mno" placeholder="Enter Mobile Number"><br><br>

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

</form>

**Run the code**





<https://www.youtube.com/watch?v=zZa4rWdfkJw&t=1003s>