**FULL STACK APPLICATION (1ST PROJET)**

Index.html

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

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

    <title>Full Stack Application</title>

</head>

<body>

    <h1 id="head">Students Register</h1>

    <form action="/submit" method="POST" class="styled-form">

        <input type="text" name="name" placeholder="Enter Your Names">

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

        <input type="password" name="Password" placeholder="Enter Your Password">

        <input type="text" name="Trade" placeholder="Enter Your Trade">

        <input type="text" name="Class" placeholder="Enter Your Class">

        <input type="text" name="Course" placeholder="Enter Your Course">

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

    </form>

</body>

</html>

Index.css

/\*General body styling\*/

body{

font-family: Arial, Helvetica, sans-serif;

background-color: #0c437a;

padding: 20px;

}

#head{

    color: aliceblue;

    font-weight: bold;

    text-align: center;

}

.styled-form{

    background-color: #9fe2f7;

    padding: 20px;

    border-radius: 8px;

    box-shadow: 0 8px 12px rgb(0,0,0.1);

    max-width: 500px;

    margin: 0 auto;

}

.styled-form input{

    width: 80%;

    padding: 10px;

    margin-bottom: 15px;

    border: 1px solid #ccc;

    border-radius: 4px;

    box-sizing: border-box;

    font-size: 16px;

    background-color: rgb(245, 245, 229);

}

.styled-form button{

    width: 30%;

    padding: 10px;

    border-radius: 4px;

    border: none;

    font-size: 16px;

    color: black;

    font-weight: bold;

    cursor: pointer;

    background-color: rgb(82, 163, 163);

}

.styled-form button:hover{

    background-color: #09615941;

}

Database.js

var mysql = require('mysql')

var con = mysql.createConnection({

    host:'127.0.0.1',

    port:'3306',

    user:'root',

    password: "Kamanzi@123",

    database:'l4sodfirstpro',

})

con.connect(function(err){

    if (err){

        throw err;

    }

    else{

        console.log("Mysql Connected")

    }

})

module.exports=con

Index.js

var express = require('express')

var app = express()

var path =require('path')

var db = require('./database.js')

var bp = require('body-parser')

//create public folder to access the css for html form

app.use(express.static('public'))

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

    res.sendFile(path.join(\_\_dirname,'/index.html')) // the directory of our html page

})

app.use(bp.json()) //body-parser to convert the data in json

app.use(bp.urlencoded({extended:true})) // to show data in the terminal

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

    var nm = req.body.name

    var em = req.body.Email

    var pass = req.body.Password

    var trade = req.body.Trade

    var Class = req.body.Class

    var Course = req.body.Course

    //Database column

var sql = 'INSERT INTO studentlists(StudentName,StudentTrade,StudentEmail,StudentClass,StudentPassword,StudentCourse) VALUES (?,?,?,?,?,?)';

db.query(sql, [nm,trade,em,Class,pass,Course], // match with the database

    function(error){

        if(error){

            console.log('Error inserting data:', error)

            res.send('Error happed');

            return;

        }

        console.log('Student Registered successfull')

        res.send('Form Submitted successfully')

    })

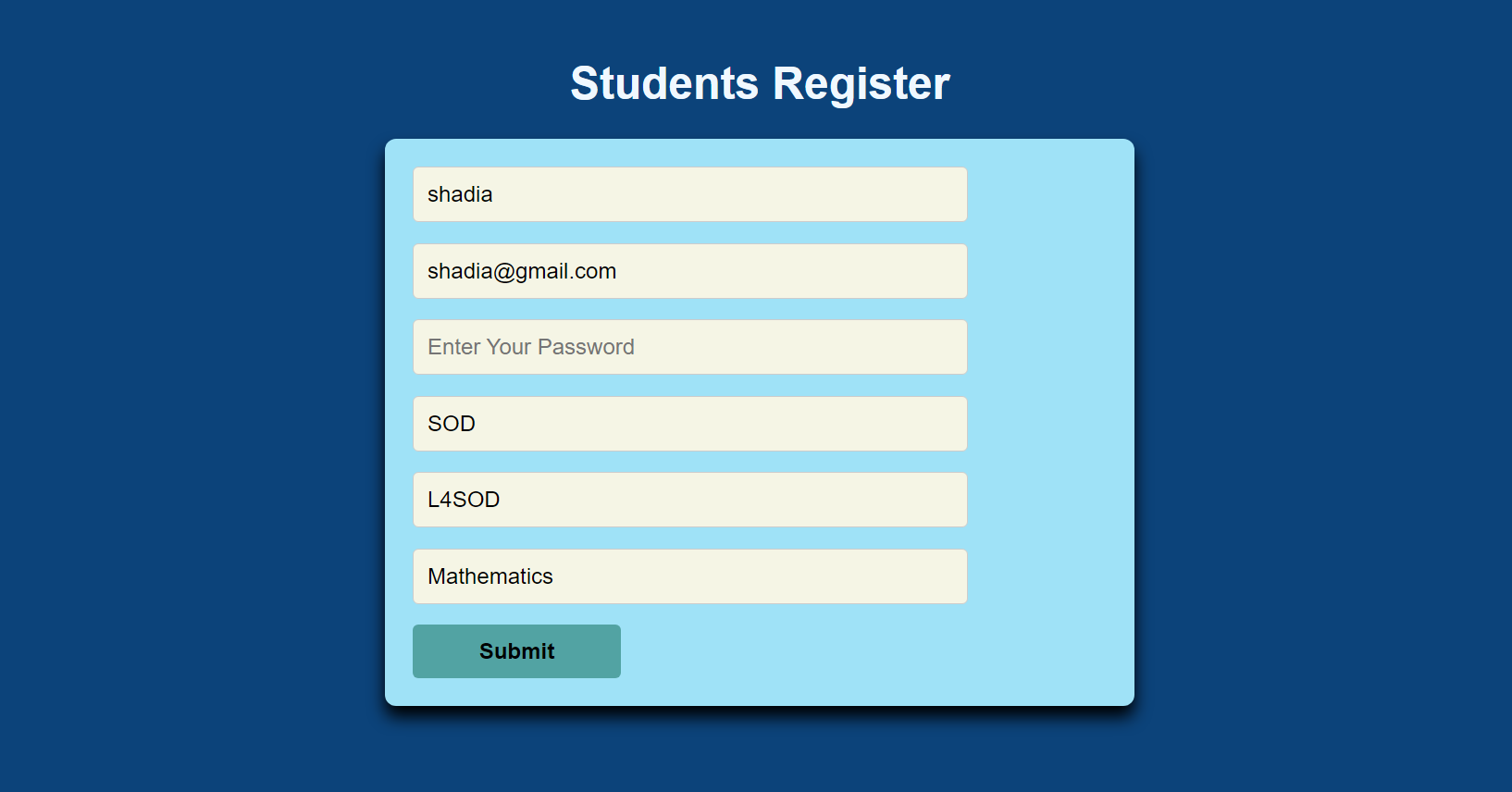
})

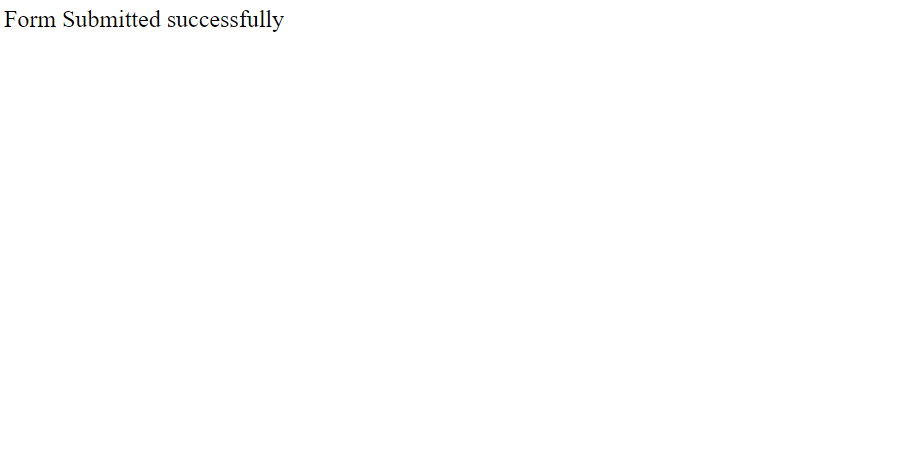
app.listen(3000,()=>{

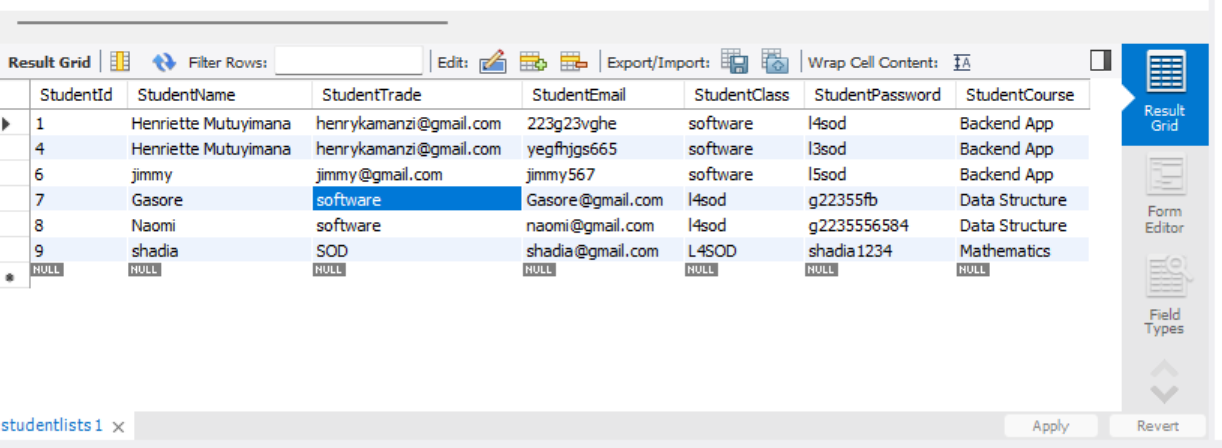
    console.log('http://localhost:3000')

})

**Output**







**End**