**LAB # 14**

**Get and Post Method in Node js**

const express = require('express');

const mysql = require('mysql');

const app = express();

const port = 3000;

const path = require('path');

app.use(express.urlencoded({ extended: true }));

const connection = mysql.createConnection({

    host: "localhost",

    user: "root",

    password: "123456",

    database: "northwind"

});

connection.connect(function(err) {

    if (err) throw err;

    console.log("Connected to MySQL!");

});

// Serve HTML file containing the form

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

    res.sendFile(path.join(\_\_dirname, 'login.html'));

});

// Handle form submission

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

    const { customerName, contactName, address, city, postalCode, country, phone } = req.body;

    // Check if phone number is 13 characters long

    if (phone.length !== 13) {

        return res.status(400).send('Phone number must be 13 characters long');

    }

    // Check if postal code is up to 5 digits long

    if (postalCode.length > 5) {

        return res.status(400).send('Postal code must be up to 5 digits long');

    }

    // Proceed with database insertion

    const sql = "INSERT INTO Customers2 (CustomerName, ContactName, Address, City, PostalCode, Country, Phone) VALUES (?, ?, ?, ?, ?, ?, ?)";

    connection.query(sql, [customerName, contactName, address, city, postalCode, country, phone], function(err, result) {

        if (err) {

            console.error("Error inserting data into database:", err); // Log the error

            return res.status(500).send('Error inserting data into database');

        } else {

            console.log("Data inserted successfully"); // Log success

            return res.send('Data inserted successfully');

        }

    });

});

app.listen(port, function() {

    console.log(`Server listening on port ${port}`);

});