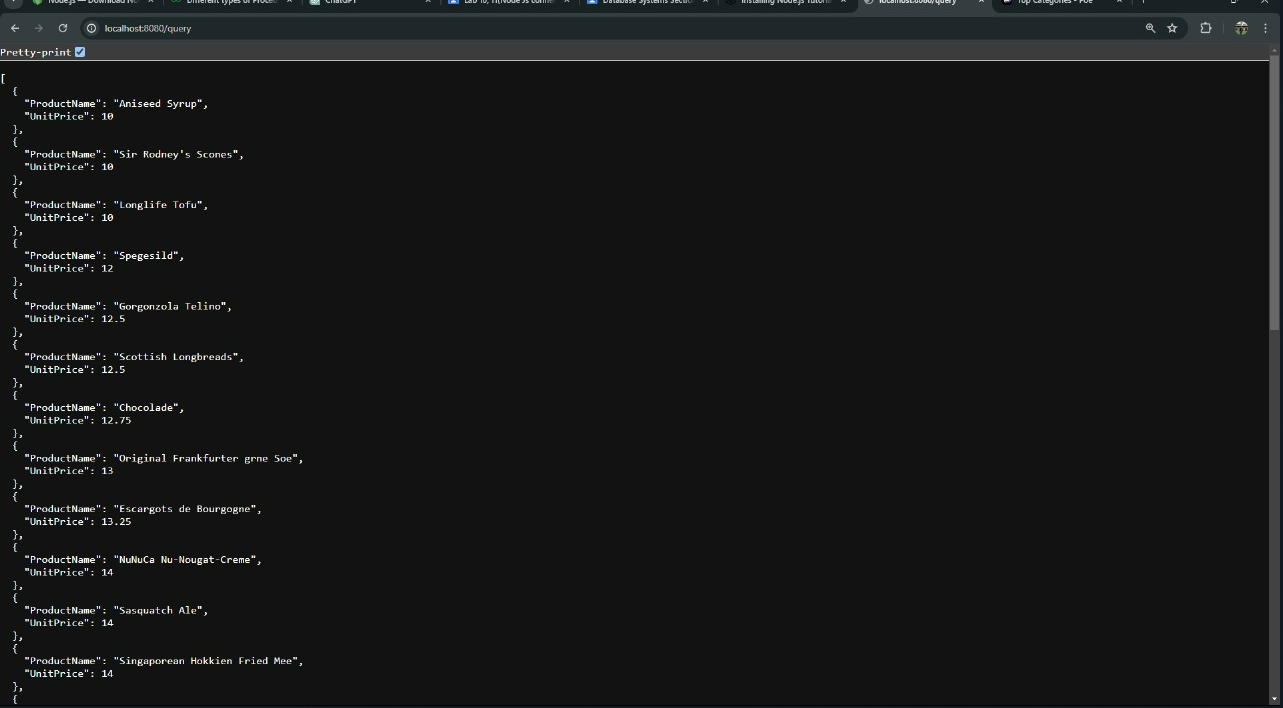
**DataBase Lab 11**

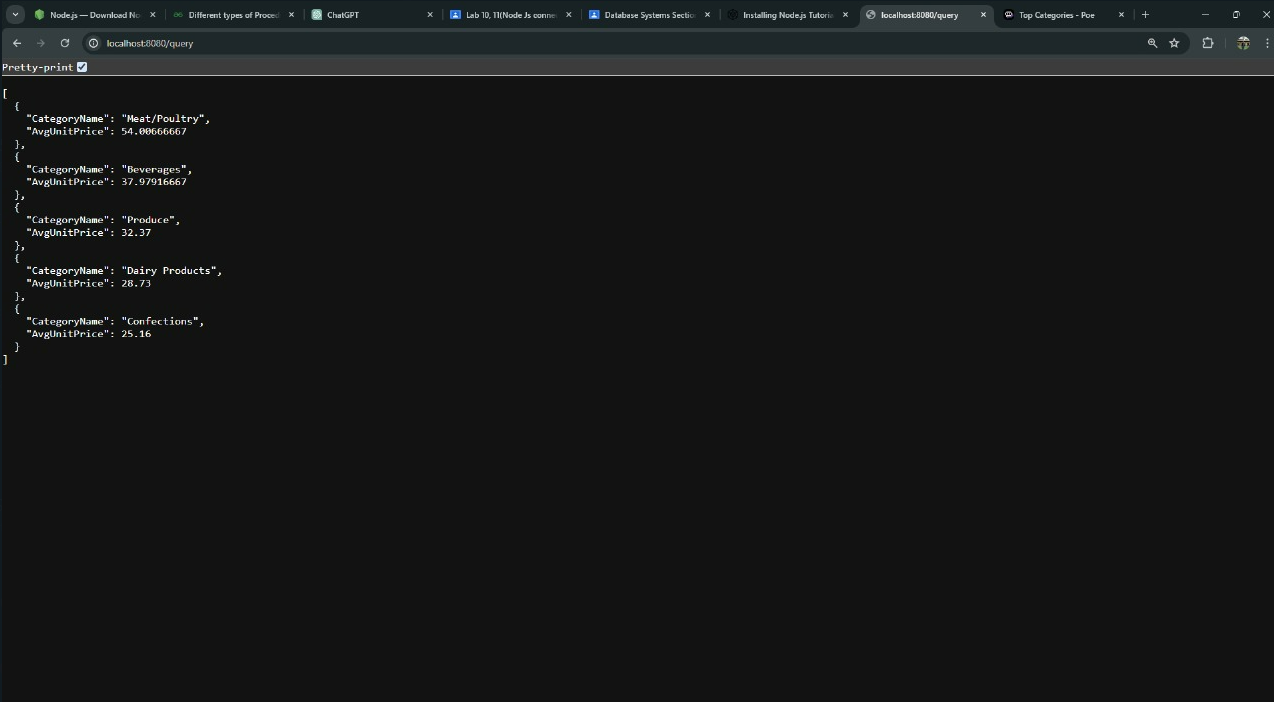
**Roll No**. 22i-1859

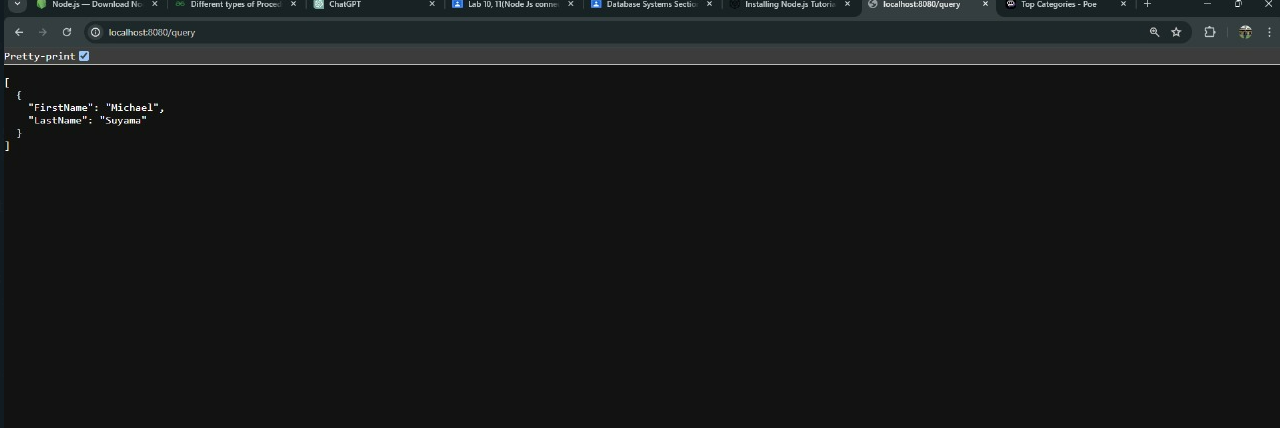
**Name :** Omer Hafeez

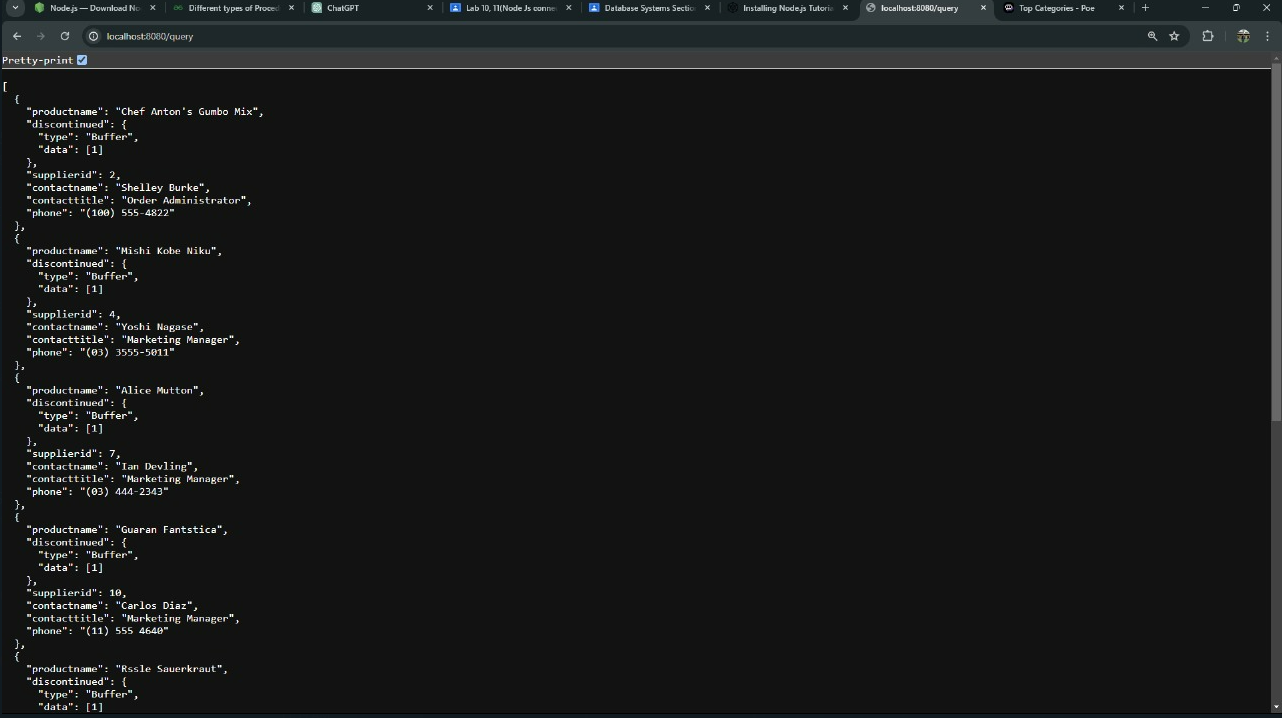
**Section :** A

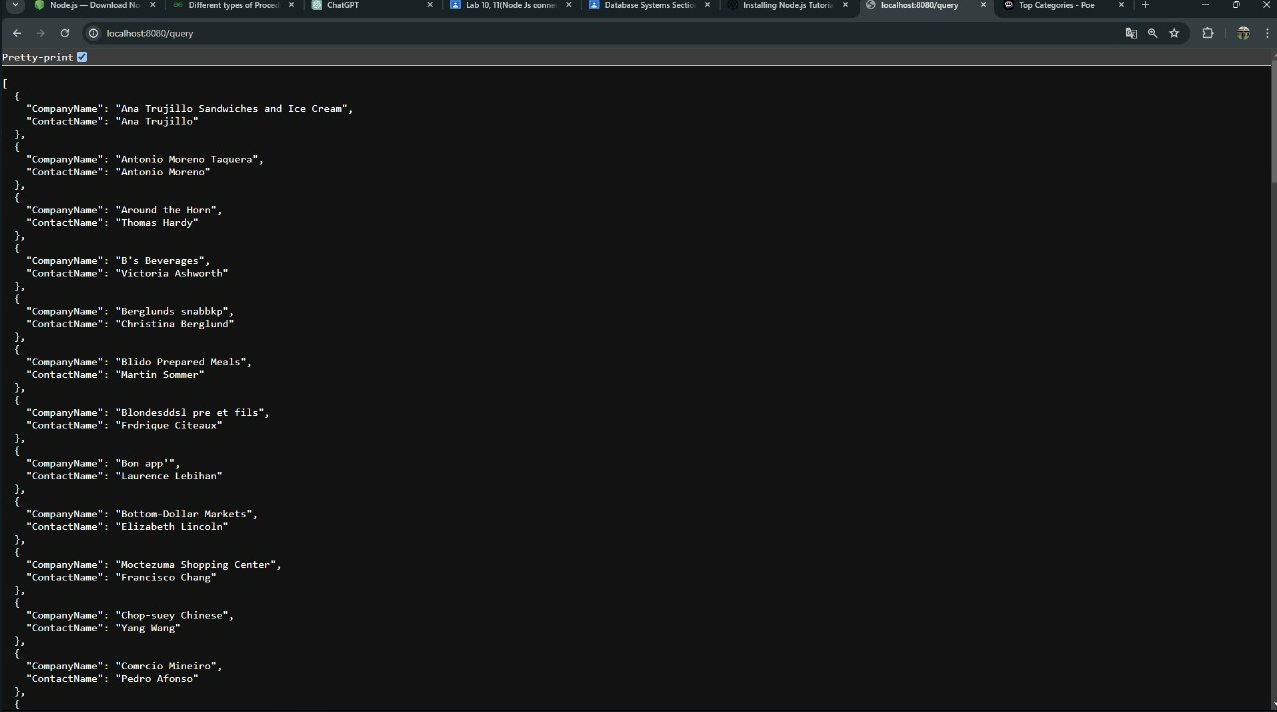
**…………………**

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const express = require('express');// used for routing

var mysql = require('mysql');

const app = express();// instance of server is created

const port = 8080;//run on this port

const path = require('path');

app.listen(port, function(){

// connecting to a server

console.log(Listening on port ${port}...);

});

var connection = mysql.createConnection({

host: "localhost",

user: "root",

password: "omer@2810314681761859",

database: "northwind"

});

connection.connect(function(err) { // connecting to DBMS

if (err) throw err;

console.log("Connected!");

});

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

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

});

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

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

});

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

res.send('abyuhcihijjnm');

});

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

res.send('This is Lab 11');

});

/\*

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

let sql = "SELECT ProductName, UnitPrice FROM Products WHERE UnitPrice BETWEEN 10 AND 20 ORDER BY UnitPrice ASC;";

connection.query(sql,function(err,results){

if (err) throw err;

res.send(results);

});

});

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

let sql = "SELECT CategoryName, AVG(UnitPrice) AS AvgUnitPrice FROM Products JOIN Categories ON Products.CategoryID = Categories.CategoryID GROUP BY CategoryName ORDER BY AvgUnitPrice DESC LIMIT 5;";

connection.query(sql,function(err,results){

if (err) throw err;

res.send(results);

});

});

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

let sql = "SELECT FirstName, LastName FROM Employees WHERE LastName LIKE 'S%' ORDER BY LastName, FirstName; ";

connection.query(sql,function(err,results){

if (err) throw err;

res.send(results);

});

});

\*/

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

let sql = " SELECT CompanyName, ContactName FROM Customers WHERE CustomerID IN ( SELECT CustomerID FROM Orders WHERE YEAR(OrderDate) = 1996) ORDER BY CompanyName; ";

connection.query(sql,function(err,results){

if (err) throw err;

res.send(results);

});

});

/\*

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

let sql = "SELECT p.productname, p.discontinued, s.supplierid, s.contactname, s.contacttitle, s.phone FROM products p JOIN suppliers s ON p.supplierid = s.supplierid WHERE p.discontinued = 1; ";

connection.query(sql,function(err,results){

if (err) throw err;

res.send(results);

});

});

\*/