////////////////// problem 2.1 js file//////////////////////////

const url="";

let dbparams=

{

host: 'localhost',

user: 'root',

password: 'cdac',

database: 'test',

port:3306

}; // change port to 3306 that may be the port mostly.

const mysql = require('mysql2');

const connection=mysql.createConnection(dbparams);

console.log("db started");

let id ='3';

let name ='sugar';

let price ='55';

let category ='food';

connection.query('insert into item(id,name,price,category) values (?,?,?,?)', [id,name,price,category],

(err, res1) => {

if (err) {

console.log(err);

} else {

console.log(res1.affectedRows)

}

}

);

/////////////// assignment 2.2 js file ////////////////////////

const url="";

let parameter=

{

host: 'localhost',

user: 'root',

password: 'cdac',

database: 'test',

port:3306

};

const mysql = require('mysql2');

const connection=mysql.createConnection(parameter);

console.log("database started");

let id ='3';

let name ='roti';

let price ='12';

let category ='food';

connection.query('update item set name=?,category=?,price=? where id=?', [name,category,price,id],

(err, res1) => {

if (err) {

console.log(err);

} else {

if(res1.affectedRows===0)

{

console.log("update failed");

}

else

console.log("update suceeded");

}

}

);

/////////////////////// assignment 2.3 //////////////////////////////////////

const url="";

let parameter=

{

host: 'localhost',

user: 'root',

password: 'cdac',

database: 'test',

port:3306

};

const mysql = require('mysql2');

const connection=mysql.createConnection(parameter);

console.log("database started");

let id ='3';

connection.query('select name,price from item where id=?', [id],

(err, rows) => {

if (err) {

console.log(err);

} else

// if(rows.length>0){

// console.log(rows.itemno);}

if(rows.length>0)

console.log(rows[0].name+" "+rows[0].price);

}

);

/////////////assignment 3.1 js file ///////////////////////////////////

const url="";

let parameter={

host : 'localhost',

user :'root',

password :'cdac',

database :'test',

port : 3306

};

const mysql = require("mysql2");

const connection=mysql.createConnection(parameter);

console.log("database working");

let resourceNo =1;

let resourceName ='sales';

let status =true;

connection.query('insert into resource (id,resourcename,status) values(?,?,?)',

[resourceNo,resourceName,status] ,

(err,res1)=>{

if (err) {

console.log(err);

} else {

console.log(res1.affectedRows)

}

}

);

//////////////// assignment 3.2 js file ////////////////////////

const url=""

let paramters=

{

host :'localhost',

user :'root',

database : 'test',

password :'cdac',

port : 3306

};

const mysql =require("mysql2");

const connection=mysql.createConnection(paramters);

console.log("Database working");

let resourceName ="production"

connection.query('update resource set resourcename=?',[resourceName],

(error,res)=>{

if(error){

console.log(error);

}

else{

console.log(res.affectedRows);

}

}

);

////////////////// assignment 3.3 js file ////////////////////////////////////

const url=""

let paramaters={

host:"localhost",

user:"root",

password:"cdac",

database:"test",

port:3306

};

const mysql=require("mysql2");

const connection=mysql.createConnection(paramaters);

console.log("Db is working ");

let resourceNo=1;

connection.query("select resourcename, status from resource where id=?",

[resourceNo],

(error,rows)=>{

if (error) {

console.log(error);

} else if(rows.length>0) {

console.log(rows);

}

});

///////////////////// assignment 4 js file //////////////////////////////////

const express = require('express');

const app = express();

const mysql = require('mysql2');

app.use(express.static("sf"));

let dbparams =

{

host: 'localhost',

user: 'root',

password: 'cdac',

database: 'nodejs',

port: 3306

};

const con = mysql.createConnection(dbparams);

app.get("/pincode", (req, resp) => {

let pincode1 = req.query.pincode;

console.log(pincode1);

let details = { status: false, cityname: {} }

con.query('select city from citytable where pincode=?', [pincode1],

(error, cityRow) => {

// console.log("error occured");

if (error) {

//when you dont have data why problem is there collect data first.

console.log("Error aaa raha he be" + error);

}

else if(cityRow.length>0){

details.status = true;

details.cityname =cityRow[0]

}

resp.send(details);

console.log("search");

}

);

console.log(details.cityname.city)

});

app.listen(1000, function () {

console.log("Server connect tomport 1000");

});

//////////////////// asignment4 html file /////////////////////////

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

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

<title>Document</title>

<script src="https://code.jquery.com/jquery-3.6.0.js"></script>

<script>

$(() => {

console.log("page Loaded");

$("#pincode").blur(

()=>{

console.log("blur Loaded");

let ip = { pincode: $("#pincode").val() };

let parameterstothefunction =

{

data: ip,

url: "http://localhost:1000/pincode",

type: 'get',

dataType: "json",

success: (datagivenbyserver) => {

console.log("data given by server in success" + datagivenbyserver.status)

if (datagivenbyserver.status === true) {

// $("#city").text("mumbai"); //makeup

$("#city").text(datagivenbyserver.cityname.city);

}

else {

// $("#city").text("pune");

$("#city").text("not found");

}

},

error: (errorgivenbyserver) => { console.log("failed to contact server " + errorgivenbyserver.status) }

};

//time to call the function

console.log("is the function working");

$.ajax(parameterstothefunction);

});

});

</script>

</head>

<body>

<input type="text" id="pincode" placeholder="pincode" />

<span id="city">Cityname appears here</span>

</body>

</html>

/////////////// assignment 5 js file /////////////////

const express = require('express');

const app = express();

const mysql = require('mysql2');

app.use(express.static("sf"));

let dbparams =

{

host: 'localhost',

user: 'root',

password: 'cdac',

database: 'test',

port: 3306

};

const con = mysql.createConnection(dbparams);

app.get("/AccountInfo", (req, resp) => {

let accno = req.query.accno;

console.log(accno);

let details = { status: false, account: {} }

con.query('select balance from account where accno=?', [accno],

(error, cityRow) => {

// console.log("error occured");

if (error) {

//when you dont have data why problem is there collect data first.

console.log("Error aaa raha he be" + error);

}

else if(cityRow.length>0){

details.status = true;

details.account =cityRow[0]

}

resp.send(details);

console.log("search");

}

);

console.log(details.account.balance)

});

app.listen(1200, function () {

console.log("Server connect tomport 1200");

});

//////////////// assignment 5 html file ////////////////////////////

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

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

<title>Document</title>

<script src="https://code.jquery.com/jquery-3.6.0.js"></script>

<script>

$(() => {

console.log("page Loaded");

$("#acno").blur(

()=>{

console.log("blur Loaded");

let ip = { accno: $("#acno").val() };

let parameterstothefunction =

{

data: ip,

url: "http://localhost:1200/AccountInfo",

type: 'get',

dataType: "json",

success: (datagivenbyserver) => {

console.log("data given by server in success" + datagivenbyserver.status)

if (datagivenbyserver.status === true) {

$("#msg").text(datagivenbyserver.account.balance);

}

else {

$("#msg").text("not found");

}

},

error: (errorgivenbyserver) => { console.log("failed to contact server " + errorgivenbyserver.status) }

};

//time to call the function

console.log("is the function working");

$.ajax(parameterstothefunction);

});

});

</script>

</head>

<body>

<input type="text" id="acno" placeholder="acno" />

<span id="msg">balance</span>

</body>

</html>