Git hub Link : <https://github.com/yghimiray/cs415/tree/main/dreamhome-db-app>

VSCode

"use strict";

const mysql = require('mysql');

const dbConnection = mysql.createConnection({

    host:"localhost",

    user:"dreamhome",

    password:"123456",

    database:"dreamhome"

});

dbConnection.connect ((error) =>{

    if(error)

    throw error;

});

function displayResult(arr){

    for(const element of arr){

        console.log(Object.values(element));

    };

        return;

};

const qryStrAllBranches = "select \* from `dreamhome`.`branch` as b order by b.branchNo";

dbConnection.query(qryStrAllBranches,(error,result)=>{

if(error)

throw error;

displayResult(result);

});

Result

[ 'B002', '56 clover Dr', 'London', 'NW10 6EW' ]

[ 'B003', '163 Main St', 'Glasgow', 'GI1 92X' ]

[ 'B004', '32 Manse Rd', 'Bristol', 'BS99 1NZ' ]

[ 'B005', '2 Deer Rd', 'London', 'SW1 4EH' ]

[ 'B007', '16 Argyll St', 'Abardeen', 'AB2 3SU' ]

const qryStrAllStaffsLondon = "select \*from `dreamhome`.`staffs` as s where s.branchNo in (select b.branchNo from  `dreamhome`.`branch` as b where b.city='London')";

dbConnection.query(qryStrAllStaffsLondon,(error,result)=>{

if(error)

throw error;

displayResult(result);

});

Result

[ 'SL21', 'John', 'White', 'Manager', 'M', 2045-10-01T05:00:00.000Z, 30000, 'B005']

[ 'SL41', 'Julie', 'Lee', 'Assistant', 'f', 2065-06-13T05:00:00.000Z, 9000, 'B005']

const qryStrBranchLondonBristol = "select \* from `dreamhome`.`branch` as b where b.city ='London' or b.city ='Bristol'";

dbConnection.query(qryStrBranchLondonBristol,(error,result)=>{

if(error)

throw error;

displayResult(result);

});

Result

[ 'B002', '56 clover Dr', 'London', 'NW10 6EW' ]

[ 'B004', '32 Manse Rd', 'Bristol', 'BS99 1NZ' ]

[ 'B005', '2 Deer Rd', 'London', 'SW1 4EH' ]