**Assignment**

**Aim:  Kinldy complete retieve record from Mysql and display it on console.**

**Code:**

**server.js**

const express =require('express')

const mysql=require('mysql')

const app=express()

*//Create DB connection*

*//Create Database*

*//Create Table*

*//Insert Record*

*//Display Record => SELECT \* from studentInfo*

const connection = mysql.createConnection({

    host: 'localhost',

    user:'root',

    password:'',

    database:'University'

});

connection.connect((*err*)=>{

    if(err) throw err;

    console.log("Connected successfully to MySql server")

});

*//db-create => create Database*

app.get("/db-create", (*req*,*res*)=>{

    const dbquery="CREATE DATABASE IF NOT EXISTS University";

    connection.query(dbquery,(*err*,*result*)=>{

        if(err) throw err;

        console.log("Database created successfully",result)

    })

});

*//db-table => Create Table in University DB*

app.get("/db-table", (*req*,*res*)=>{

    const dbtable=`CREATE TABLE IF NOT EXISTS studentInfo(

        studentID varchar(10) NOT NULL,

        fname varchar(50) NOT NULL,

        lname varchar(50) NOT NULL,

        mobileNo varchar(15) NOT NULL,

        PRIMARY KEY (studentID))`

*// SHOW DATABASES => List the available DB from MySql server*

*// connection.query("USE University",(err,result)=>{ // "Select Database"*

*//     if(err) throw err;*

        connection.query(dbtable,(*err*,*result*)=>{

            if(err) throw err;

            console.log("Table created successfully",result)

        });

*// });*

});

*//db-insert => Insert Record into studentInfo Table*

app.get("/db-insert", (*req*,*res*)=>{

    const dbInsert=`INSERT INTO studentInfo

    (studentID,fname,lname,mobileNo)

    VALUES ('102','Mrugendra','Rahevar','123456789'),

    ('103','Martin','Parmar','123456789'),

    ('104','Vraj','Shah','123456789')`;

    connection.query(dbInsert,(*err*,*result*)=>{

        if(err) throw err;

        console.log(`Total affected ROWS: ${result['affectedRows']}`)

    })

});

app.get("/db-display", (*req*,*res*)=>{

  const dbSelect=`SELECT \* FROM studentInfo`;

    connection.query(dbSelect,(*err*,*result*)=>{

    if(err) throw err;

    console.log(result)

})

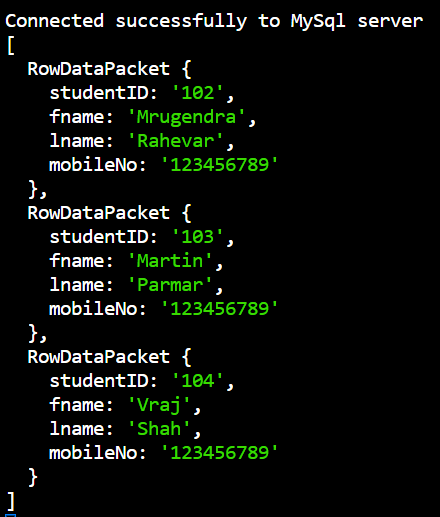
});

app.listen(4000,()=>{

    console.log("Server is running on port number 4000")

})

**Output:**

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