**MYSQL**

**CODE:**

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 facultyInfo(

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 facultyInfo

(studentID,fname,lname,mobileNo)

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

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

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

connection.query("USE University",(err,result)=>{

if(err) throw err;

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

if(err) throw err;

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

})

});

});

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

const dbInsert=`SELECT \* from facultyInfo`;

connection.query("USE University",(err,result)=>{

if(err) throw err;

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

if(err) throw err;

console.log("Inserted Data is");

console.log(result);

})

})

});

app.listen(3000,()=>{

console.log("Server is running on port number 3000")

})

**Screenshot:**





