Task: add code in /db-display

Code

App.js

```
// npm install mysql and npm i express

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 dbdisplay=`SELECT * FROM studentInfo`
  connection.query(dbdisplay,(err,rows)=>{
    if(err) throw err;
    console.log('Data received');
    console.log(rows);
    console.log('first row id: ' + rows[0].studentID);
  })
});


app.listen(3000,()=>{
  console.log("Server is running on port number 3000")
})
```

OUTPUT

```
E:\Sem - 5\AWT\Practical\data_fetch_sql>node app.js
Server is running on port number 3000
Connected successfully to MySql server
Table created successfully OkPacket {
  fieldCount: 0,
  affectedRows: 0,
  insertId: 0,
  serverStatus: 2,
  warningCount: 1,
  message: '',
  protocol41: true,
  changedRows: 0
}
Total affected ROWS: 3
```

```
E:\Sem - 5\AWT\Practical\data_fetch_sql>node app.js
Server is running on port number 3000
Connected successfully to MySql server
Data received
[
  RowDataPacket {
    studentID: '102',
    fname: 'Mrugendra',
    lname: 'Rahevar',
    mobileNo: '123456789'
  },
  RowDataPacket {
    studentID: '103',
    fname: 'Martin',
    lname: 'Parmar',
    mobileNo: '123456789'
  },
  RowDataPacket {
    studentID: '104',
    fname: 'Vraj',
    lname: 'Shah',
    mobileNo: '123456789'
  }
]
first row id: 102
```