CS602 Module3 Assignment

General Rules for Homework Assignments

- You are strongly encouraged to add comments throughout the program. Doing so will help your instructor to understand your programming logic and grade you more accurately.
- You must work on your assignments individually. You are not allowed to copy the answers from the others.
- Each assignment has a strict deadline. Assignments submitted after the deadline will carry a penalty.
- When the term *lastName* is referenced in an assignment, please replace it with your last name.

Create a new folder/directory named CS602_HW3_*lastName.* Write the following programs in this folder.

MongoDb and Mongoose (100 Points)

Create the Mongoose schema for the employee data used in the previous homework. Use only the `firstName` and `lastName` properties in the schema.

- Write a client that connects to the MongoDB database, uses the Mongoose schema, and creates the saves the data for the three employees used in the previous homework (see `ex09_mongoose.js` for example)
- Now, write the `Express` web application similar to `ex13_caseStudy` and use the `Express Router` to configure the paths for adding a new employee, deleting an existing employee, displaying all employees, and editing an existing employee. The application should have functionality similar to the `ex13_caseStudy` covered in the lecture. The data is persisted to the MongoDB database.
- Along with the source files, include the browser screenshots for the above cases in a Word/PDF document.

Submission: Export your CS602_HW3_*lastName* folder containing all the relevant files as a zip file, and upload the zip file to the Assignment section.