

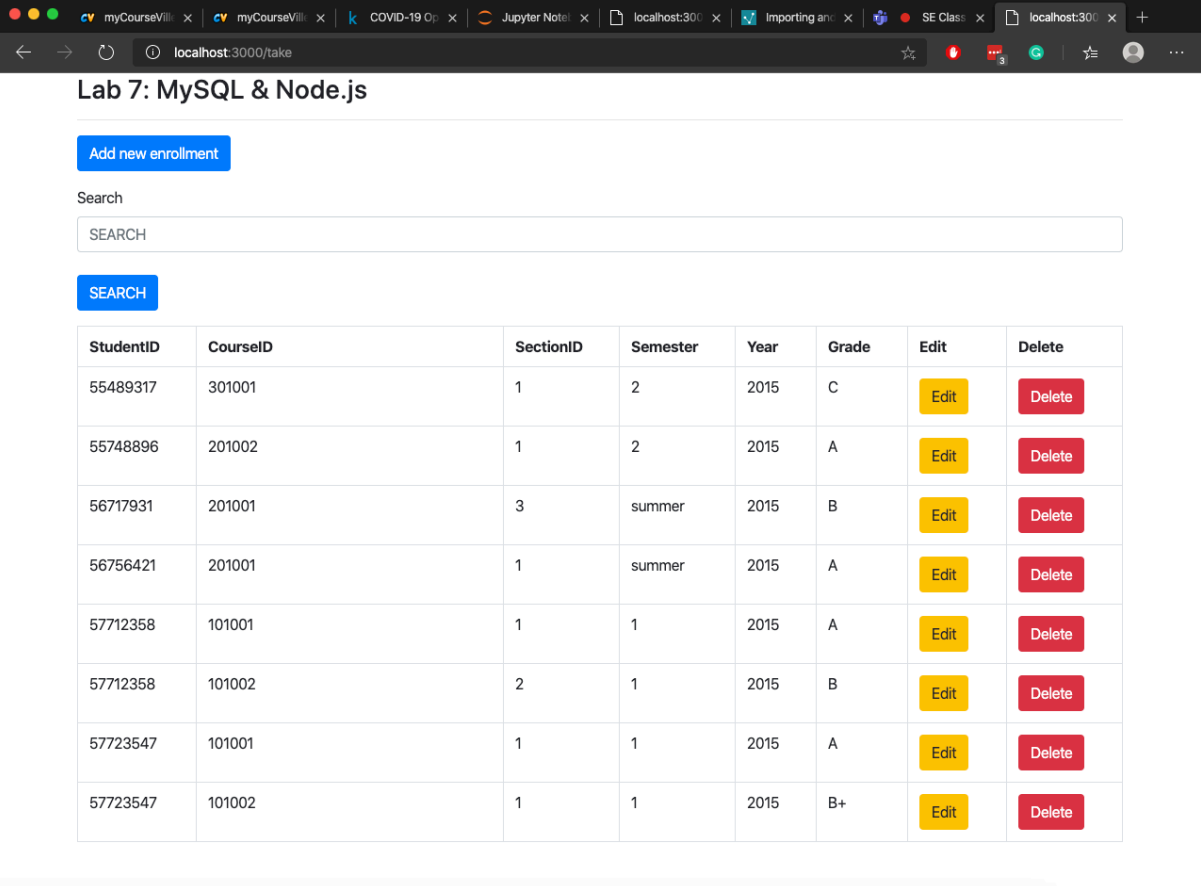
1. Your tasks

Edit files server.js, index.pug, edit.pug, and add.pug to show, search, insert, edit, and delete the data records in the Takes table (Student ID, course id, sect_id, semester, year, and grade). Complete tasks 4.1 – 4.5, then capture all screenshots and submit them through myCourseVille.

List of screenshots:

4.1 List

Show all student enrollments.



Lab 7: MySQL & Node.js

Add new enrollment

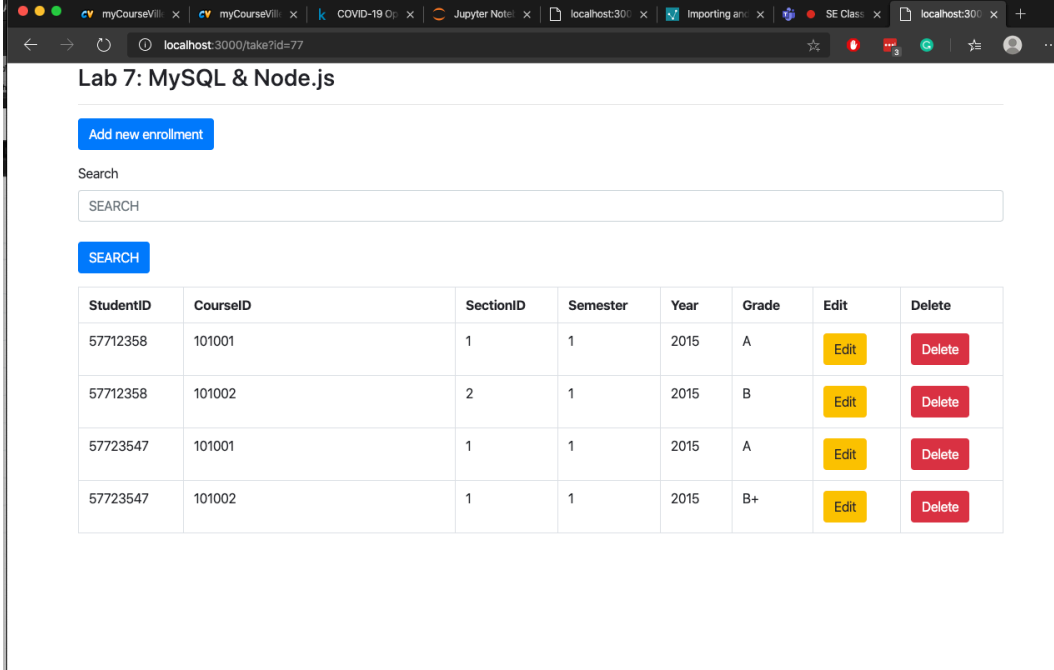
Search

SEARCH

StudentID	CourseID	SectionID	Semester	Year	Grade	Edit	Delete
55489317	301001	1	2	2015	C	Edit	Delete
55748896	201002	1	2	2015	A	Edit	Delete
56717931	201001	3	summer	2015	B	Edit	Delete
56756421	201001	1	summer	2015	A	Edit	Delete
57712358	101001	1	1	2015	A	Edit	Delete
57712358	101002	2	1	2015	B	Edit	Delete
57723547	101001	1	1	2015	A	Edit	Delete
57723547	101002	1	1	2015	B+	Edit	Delete

4.2 Search

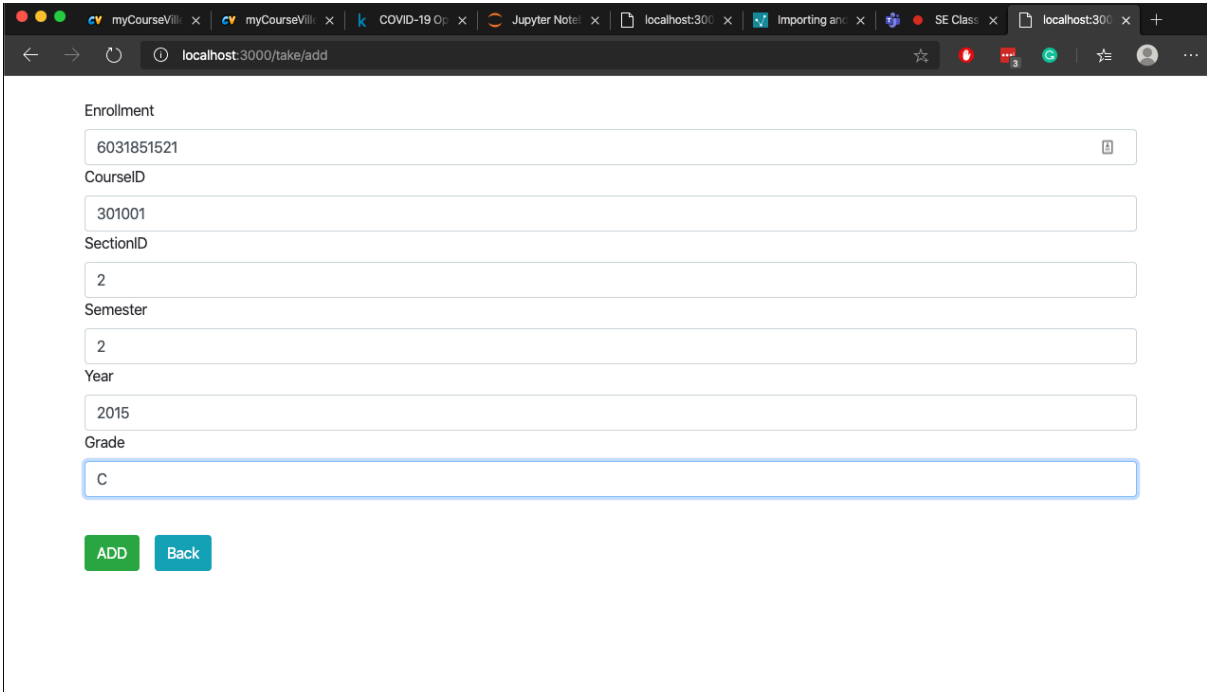
Search with the keyword "77".



The screenshot shows a web browser window with the URL `localhost:3000/take?id=77`. The page title is "Lab 7: MySQL & Node.js". At the top, there is a blue button labeled "Add new enrollment". Below it is a search section with a text input field containing the word "SEARCH" and a blue "SEARCH" button. The search results are displayed in a table with the following data:

StudentID	CourseID	SectionID	Semester	Year	Grade	Edit	Delete
57712358	101001	1	1	2015	A	<button>Edit</button>	<button>Delete</button>
57712358	101002	2	1	2015	B	<button>Edit</button>	<button>Delete</button>
57723547	101001	1	1	2015	A	<button>Edit</button>	<button>Delete</button>
57723547	101002	1	1	2015	B+	<button>Edit</button>	<button>Delete</button>

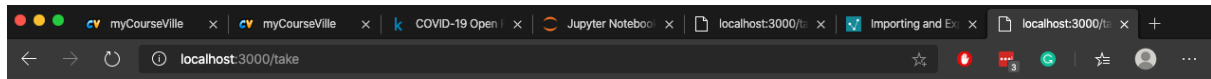
4.3 Insert



The screenshot shows a web browser window with the URL `localhost:3000/take/add`. The page title is "Enrollment". The form contains the following fields:

- Enrollment:
- CourseID:
- SectionID:
- Semester:
- Year:
- Grade:

At the bottom of the form, there are two buttons: a green "ADD" button and a blue "Back" button.



Lab 7: MySQL & Node.js

Add new enrollment

Search

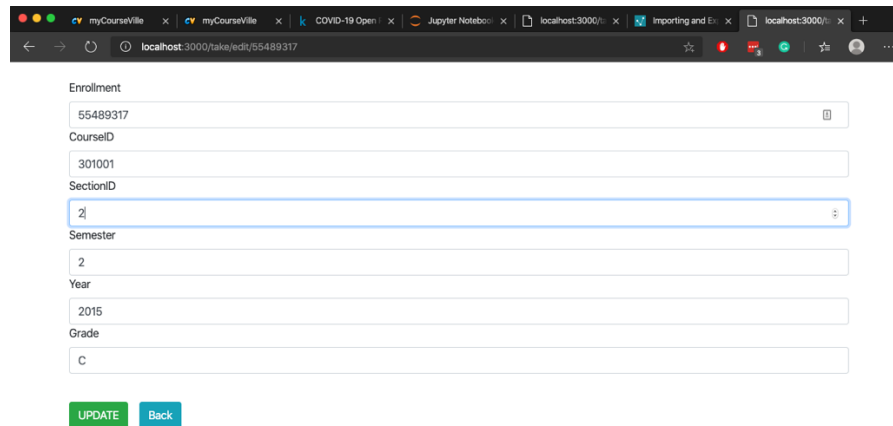
SEARCH

SEARCH

StudentID	CourseID	SectionID	Semester	Year	Grade	Edit	Delete
55489317	301001	1	2	2015	C	Edit	Delete
55748896	201002	1	2	2015	A	Edit	Delete
56717931	201001	3	summer	2015	B	Edit	Delete
56756421	201001	1	summer	2015	A	Edit	Delete
57712358	101001	1	1	2015	A	Edit	Delete
57712358	101002	2	1	2015	B	Edit	Delete
57723547	101001	1	1	2015	A	Edit	Delete
57723547	101002	1	1	2015	B+	Edit	Delete
6031851521	301001	2	2	2015	C	Edit	Delete

4.4 Edit

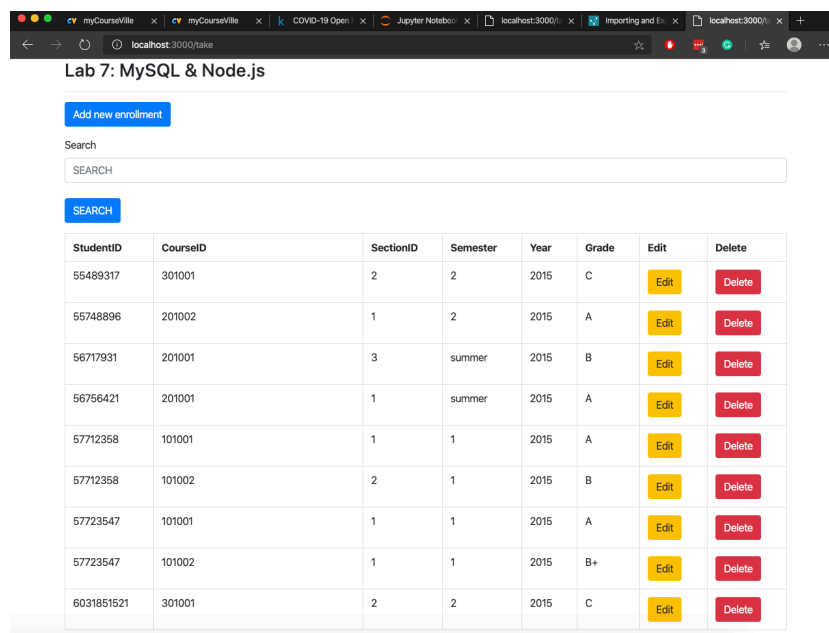
Edit student enrollment information by updating the section code from “1” to “2” of studentID 55489317.



The screenshot shows a web browser window with the URL `localhost:3000/take/edit/55489317`. The page displays an enrollment form with the following fields:

- Enrollment: 55489317
- CourseID: 301001
- SectionID: 2 (highlighted with a blue border)
- Semester: 2
- Year: 2015
- Grade: C

At the bottom of the form, there are two buttons: a green "UPDATE" button and a blue "Back" button.

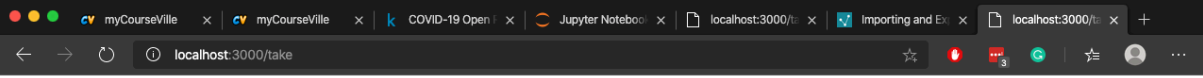


The screenshot shows a web browser window with the URL `localhost:3000/take`. The page displays a table of student enrollments. The table has columns for StudentID, CourseID, SectionID, Semester, Year, Grade, Edit, and Delete. The table contains 10 rows of data. The first row is highlighted in blue.

StudentID	CourseID	SectionID	Semester	Year	Grade	Edit	Delete
55489317	301001	2	2	2015	C	Edit	Delete
55748896	201002	1	2	2015	A	Edit	Delete
56717931	201001	3	summer	2015	B	Edit	Delete
56756421	201001	1	summer	2015	A	Edit	Delete
57712358	101001	1	1	2015	A	Edit	Delete
57712358	101002	2	1	2015	B	Edit	Delete
57723547	101001	1	1	2015	A	Edit	Delete
57723547	101002	1	1	2015	B+	Edit	Delete
6031851521	301001	2	2	2015	C	Edit	Delete

4.5 Delete

Delete student's **enrollment information of studentID 57712358**.



Lab 7: MySQL & Node.js

Add new enrollment

Search

SEARCH

SEARCH

StudentID	CourseID	SectionID	Semester	Year	Grade	Edit	Delete
55489317	301001	2	2	2015	C	Edit	Delete
55748896	201002	1	2	2015	A	Edit	Delete
56717931	201001	3	summer	2015	B	Edit	Delete
56756421	201001	1	summer	2015	A	Edit	Delete
57723547	101001	1	1	2015	A	Edit	Delete
57723547	101002	1	1	2015	B+	Edit	Delete
6031851521	301001	2	2	2015	C	Edit	Delete