

# COMP 3311: Database Management Systems

## Lab 7 Exercise: Accessing Oracle Database Using Visual Studio

### HOW TO GET THE CREDIT FOR THIS LAB

1. **Download** the Lab7Exercise.zip folder from the **Accessing Oracle Database Using Visual Studio** entry of the Lab Schedule course web page to the desktop and unzip it.
2. **Place** your InsertMyself.sql script file inside the Lab7Exercise folder.  
**IMPORTANT!** Do not insert any tuples into the EnrollsIn table for yourself.  
You should not be enrolled in any courses.
3. **Execute** the Lab7.sql script file inside the Lab7Exercise folder in SQL Developer.
4. **Follow the lab notes** to complete the lab exercise.

After you complete the **TODOs** you should be able to

- view your student record in the COMP department as shown in Figure 1.
- enroll in courses as shown in Figure 2.
- view the courses in which you have enrolled as shown in Figure 3.

### WHAT TO SUBMIT

Submit your completed UniversityDB.cs code file. Be sure to complete the student name and student id comment at the top of the code file before you submit it.

### HOW TO SUBMIT

**By 11:59 p.m. on Friday of the current week**, upload your UniversityDB.cs code file to Canvas by clicking on “Lab 7” in the Assignments section of Canvas and then clicking the “Submit Assignment” button. To check your submission, click the “Submission Details” button on the right side. For help, click the “Help” button at the top-right of Canvas.

Your UniversityDB.cs code file can be found inside the App\_Code folder of your UniversityWebsite folder. It is highly advisable to first close Visual Studio before you access these folders.

University Website
Student Search
Course Enrollment

Display Student Records In A Department

Select a department:
Computer Science
Find Student Records

Enrolled Students

ID	LAST NAME	FIRST NAME	CGA
13455789	Potter	Harry	2.76
15456789	Da Vinci	Leonardo	2.72
13456789	Lai	Rita	2.83
15678989	Yip	Maria	2.73
15678901	Yip	Albert	2.56
99987654	Lazy	Lazy	1.67
11111111	Student	Typical	3.57

Your information should be shown in this web page.

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Figure 1: Example web browser window showing student information in a department.

University Website
Student Search
Course Enrollment

Enroll in Courses

Enter your student id:
11111111
Find Enrolled Courses

Courses You Can Enroll In

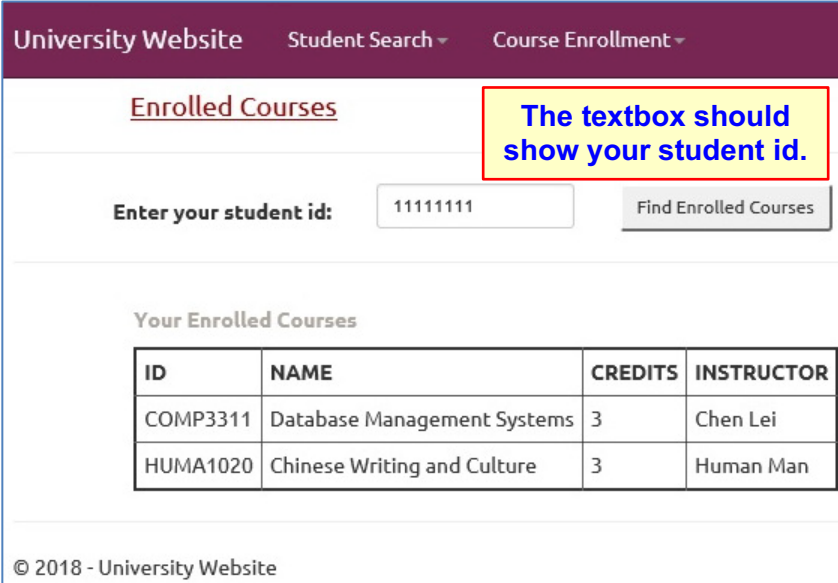
Select	ID	NAME	CREDITS	INSTRUCTOR
<input checked="" type="checkbox"/>	COMP3311	Database Management Systems	3	Chen Lei
<input type="checkbox"/>	COMP4021	Internet Computing	3	David Rossiter
<input type="checkbox"/>	ELEC3100	Signal Processing and Communications	4	Electronic Man
<input type="checkbox"/>	MATH2421	Probability	4	Isaac Newton
<input checked="" type="checkbox"/>	HUMA1020	Chinese Writing and Culture	3	Human Man

Submit

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The textbox should show your student id.

Figure 2: Example web browser window showing available courses for a specified student to enroll in.



University Website   Student Search ▾   Course Enrollment ▾

Enrolled Courses

Enter your student id:

Your Enrolled Courses

ID	NAME	CREDITS	INSTRUCTOR
COMP3311	Database Management Systems	3	Chen Lei
HUMA1020	Chinese Writing and Culture	3	Human Man

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Figure 3: Example web browser window showing enrolled courses for a specified student.