



CMPE353/CMSE354

Database Management Systems

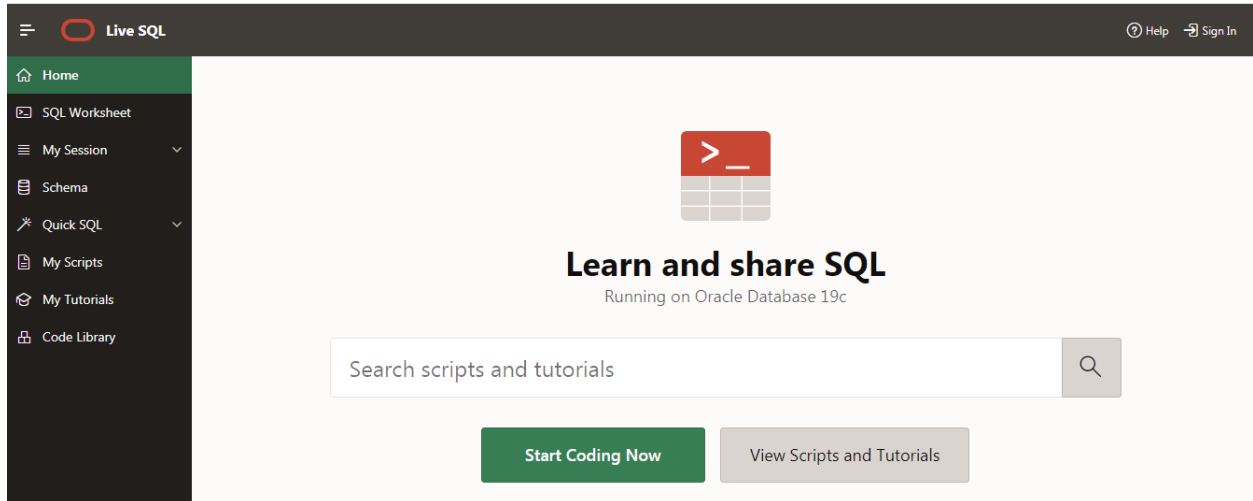
LAB 1

Introduction to Oracle Live SQL

Department of Computer Engineering

Eastern Mediterranean University

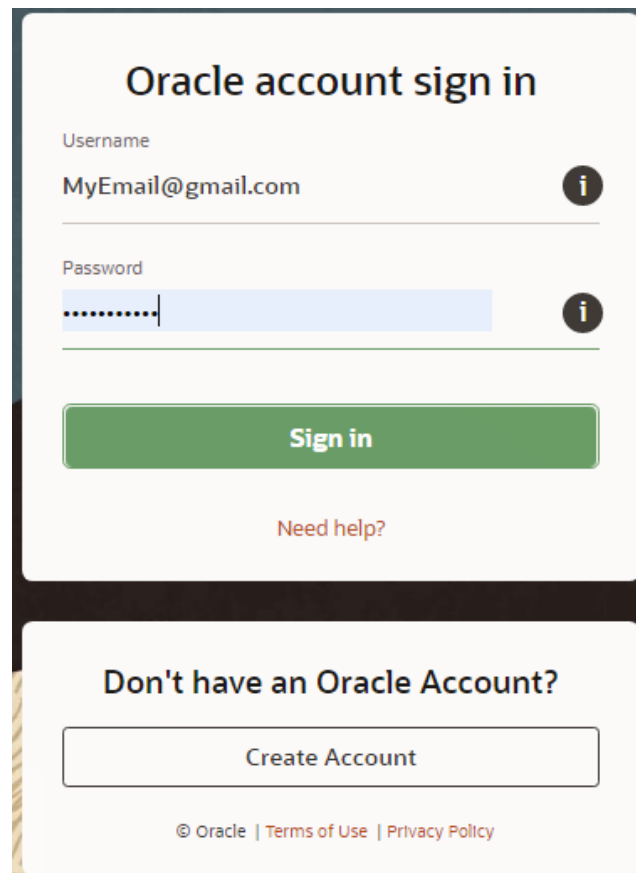
Live SQL is used for CMPE353/CMSE354 lab. It is available at:



<https://livesql.oracle.com/apex/f?p=590:1000>

Before start working you should create an account for future use. When you create a user, you can save your scripts and share it with other users.

To create a user, click sign in or Create account. You can use your current account if you already have one.



After filling following information, your account will be created.

Create Your Oracle Account

Already have an Oracle Account? [Sign In](#)

Email Address *

Your email address is your username.

Password *

Passwords must have upper and lower case letters, at least 1 number, not match or contain email, and be at least 8 characters long.

Retype password *

Country *

Name *

First or Given Name

Last Name

Job Title *

Work Phone *

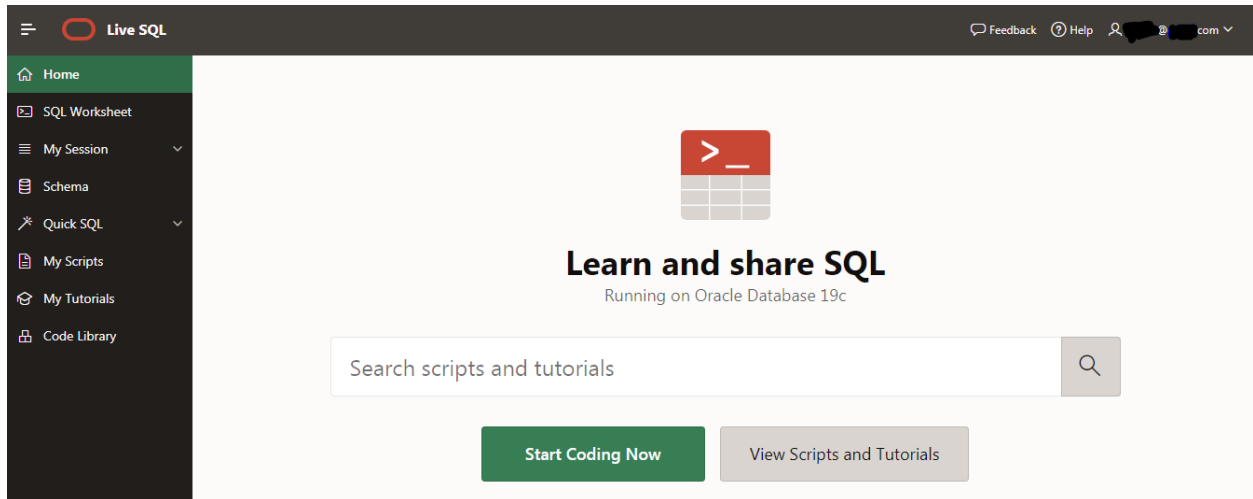
Company Name *

Address *

City *

ZIP/Postal Code *

Welcome to LiveSQL



To write a query or any commands use the SQL Worksheet.



For example, to create a table named “Department”:

1-Write your query

2-Run the query

- By pressing 
- By selecting your query and pressing Ctrl+Enter


Notice that if you have more than one query to execute, each query should end with a ‘;’.

When you run the query, the output of the query will appear below the screen.

SQL Worksheet

```
1 create table departments (  
2     name                varchar2(255) not null,  
3     location            varchar2(4000),  
4     country             varchar2(4000)  
5 )  
6 ;
```

Table created.

 Save

When you finish your tasks, it is better to save your codes by using

Save Session

×

Saving your session will allow you to restore your database objects and share your session with others. Once you save your session, it will show under the **My Scripts** tab within this application.

Script Name * 

Visibility * Private - you are the only person who can access
 Unlisted - anyone with the share link can access
 Public - anyone on the Internet can access through search results or the share link

Description *

Area

Tags

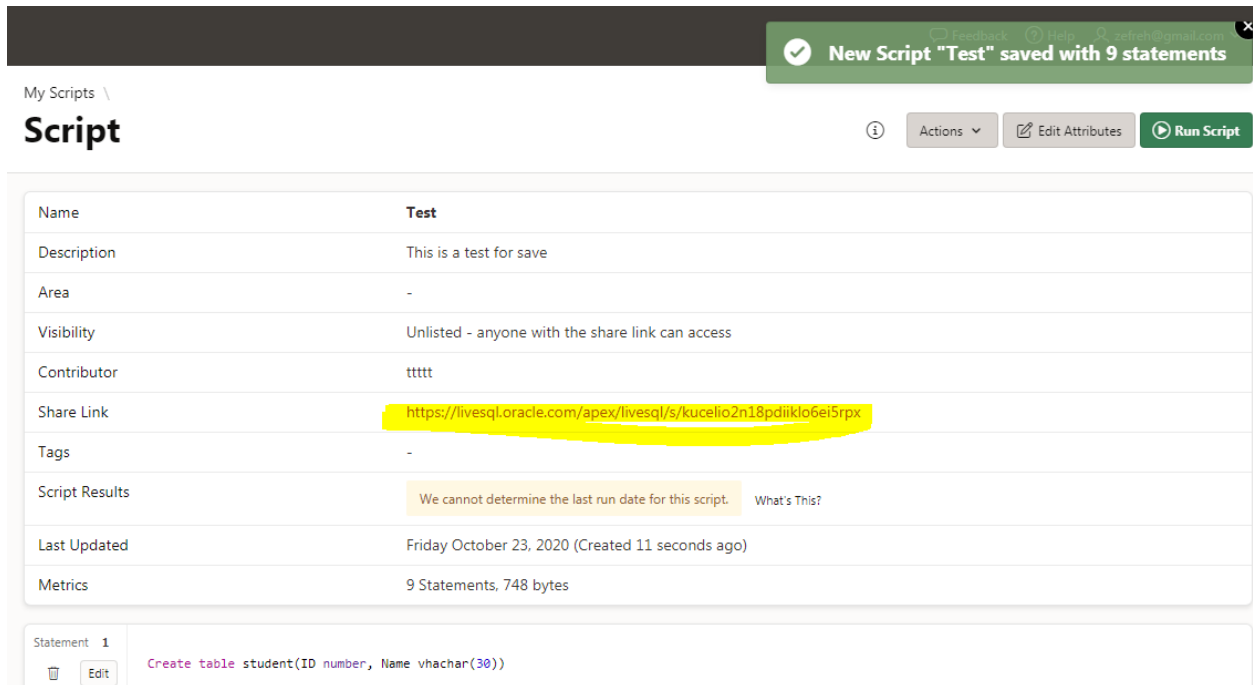
User Display Name *

Cancel

Save Session as Script

For saving the session, these items must be filled. Later you can share your query with others for other purposes.

Notice: To submit a task, you should just attach your link to the assignment. The share link will be prompted after the session was saved.



The screenshot shows the Oracle LiveSQL interface. At the top, a green notification bar states "New Script 'Test' saved with 9 statements". Below this, the "My Scripts" section displays a table for the script "Test".

Name	Test
Description	This is a test for save
Area	-
Visibility	Unlisted - anyone with the share link can access
Contributor	ttttt
Share Link	https://livesql.oracle.com/apex/livesql/s/kucelio2n18pdiiklo6ei5rpx
Tags	-
Script Results	We cannot determine the last run date for this script. What's This?
Last Updated	Friday October 23, 2020 (Created 11 seconds ago)
Metrics	9 Statements, 748 bytes

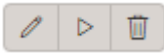
Below the table, the "Statement 1" section shows the SQL code: `Create table student(ID number, Name varchar(30))`. The "Edit" button is visible next to the statement.

In My session part you can see a full history of your works.

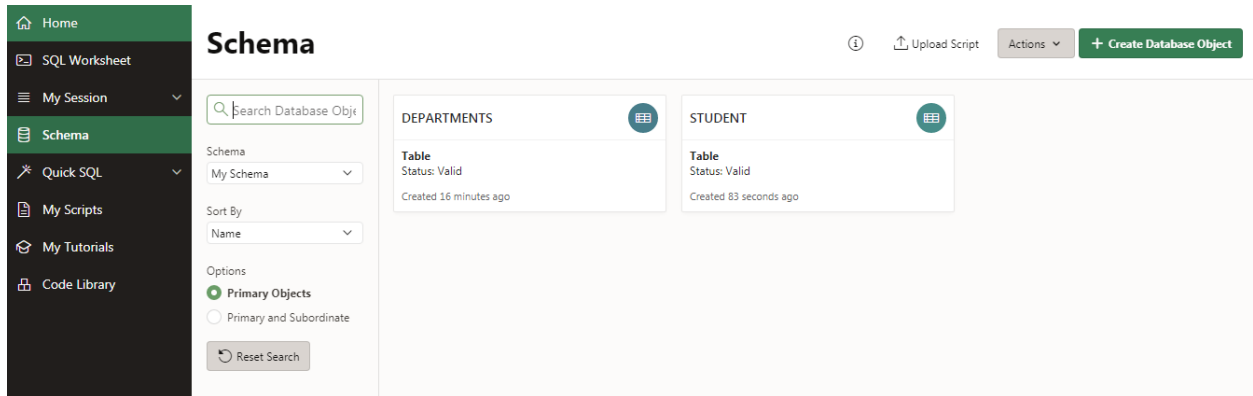


The screenshot shows the "My Session" interface. The left sidebar contains navigation options: Home, SQL Worksheet, My Session (selected), Previous Sessions, Utilization, NLS, Schema, Quick SQL, My Scripts, My Tutorials, and Code Library. The main area displays a list of statements:

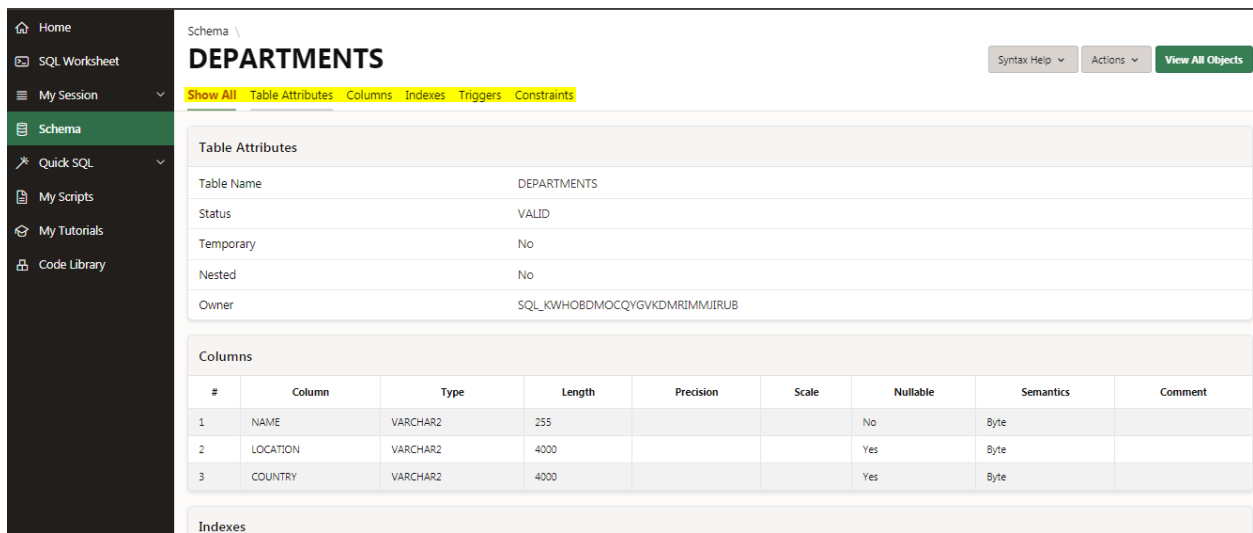
- Statement 1: `Create table student(ID number, Name varchar(30))`. Below the code is a yellow highlight with the error message: `ORA-00907: missing right parenthesis`.
- Statement 2: `create table departments (name varchar2(255) not null, location varchar2(4000), country varchar2(4000))`. Below the code is a yellow highlight with the message: `Table created.`

You can use  to modify your query.

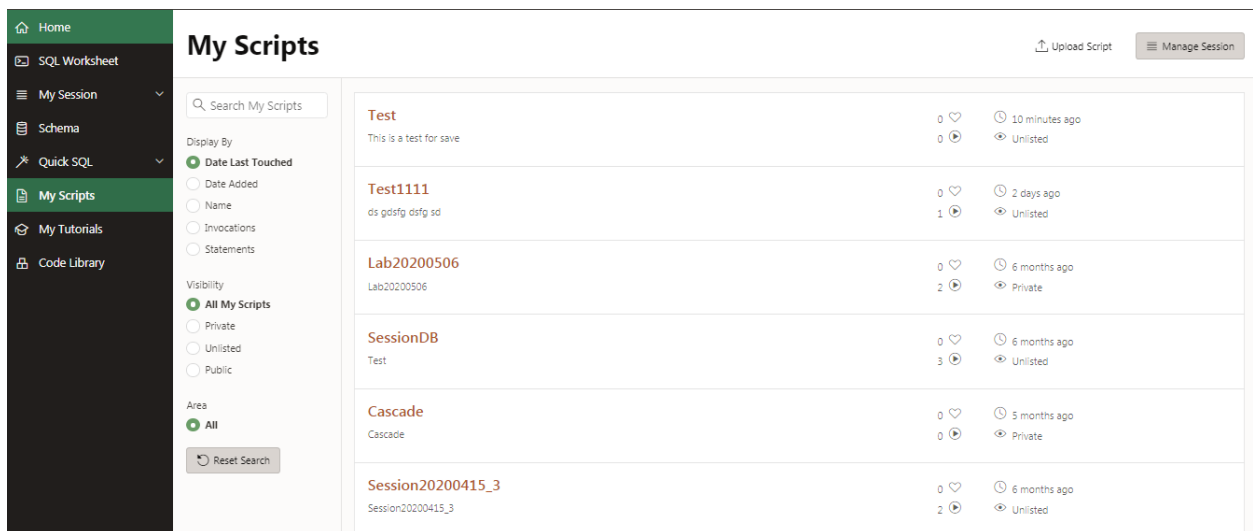
In Schema, a visual scene of your objects is available.



By clicking on each object, the detail of the object will be displayed.



Any time you login into the system, you can select a previous script and load it by using My Scripts tab.



The tabs Quick SQL, My Tutorials and Code Library are used when needed.