



CMPE353/CMSE351

Database Management Systems

LAB 1

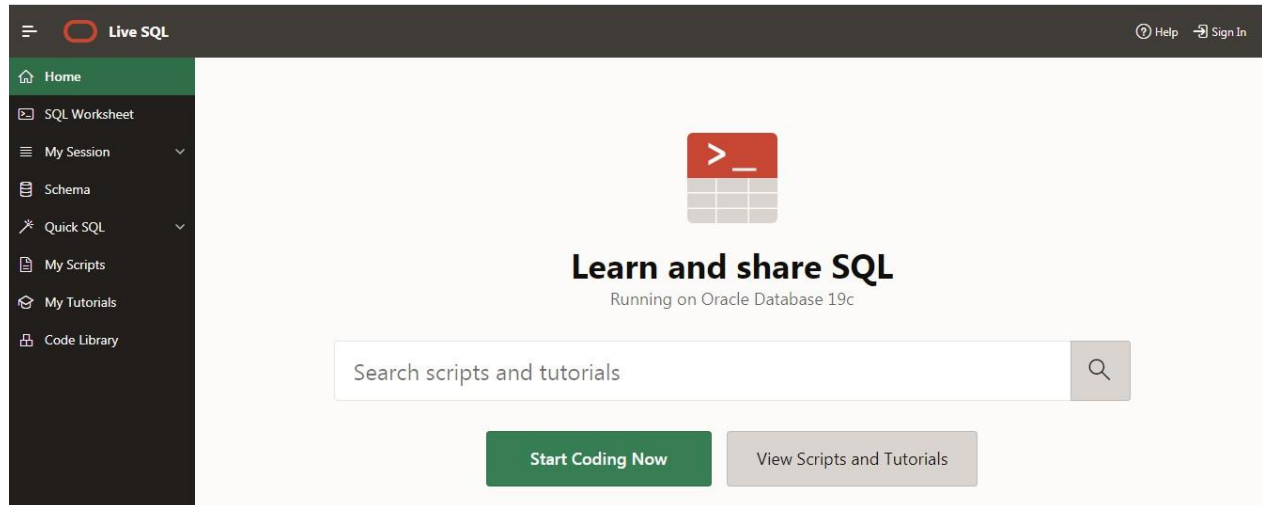
Introduction to Oracle Live SQL

Department of Computer Engineering

Eastern Mediterranean University

Fall 2024

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.

The image shows the 'Oracle account sign in' form. It has a title 'Oracle account sign in'. Below it are two input fields: 'Username' with the value 'MyEmail@gmail.com' and 'Password' with masked characters. Each field has an information icon (i) to its right. Below the fields is a large green 'Sign in' button. Underneath the button is a red link that says 'Need help?'. At the bottom of the form is a section titled 'Don't have an Oracle Account?' with a 'Create Account' button. The footer contains the text '© Oracle | Terms of Use | Privacy Policy'.

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 *

Turkey



Name *

First or Given Name

Last Name

Job Title *

Work Phone *

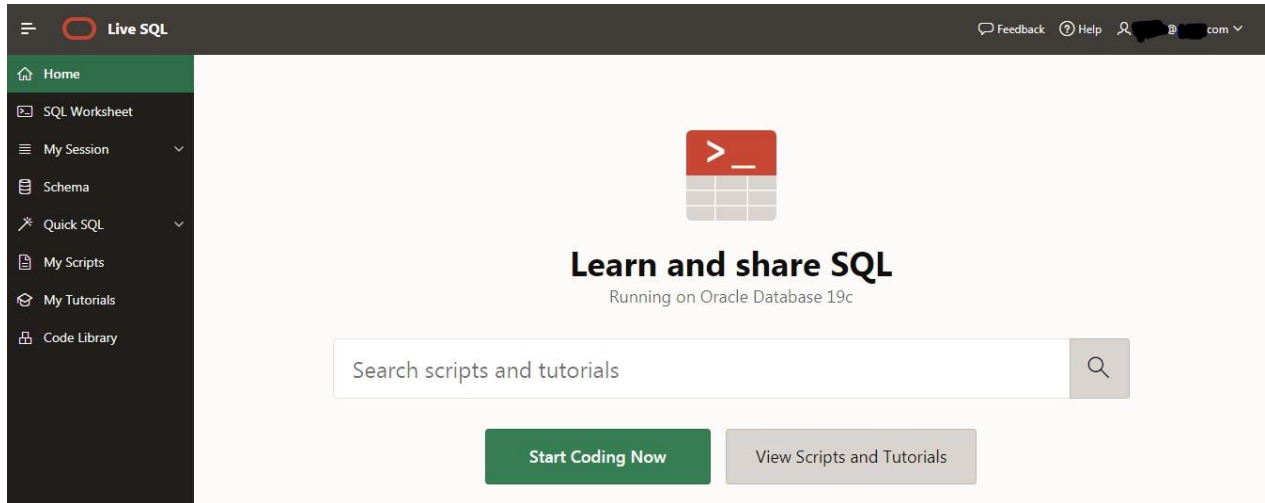
Company Name *

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

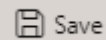
Notice that if you have more than one query to execute, each query should end with a ‘;’.

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.



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.

Feedback Help zefreh@gmail.com

New Script "Test" saved with 9 statements

My Scripts \

Script

Actions Edit Attributes Run Script

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

Statement 1

Create table student(ID number, Name varchar(30))

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

Home SQL Worksheet My Session Previous Sessions Utilization NLS Schema Quick SQL My Scripts My Tutorials Code Library

My Session

Actions Reset Session Save

Sort: most recent last View: Statements and Results

Statement 1

Create table student(ID number, Name varchar(30))

ORA-00907: missing right parenthesis

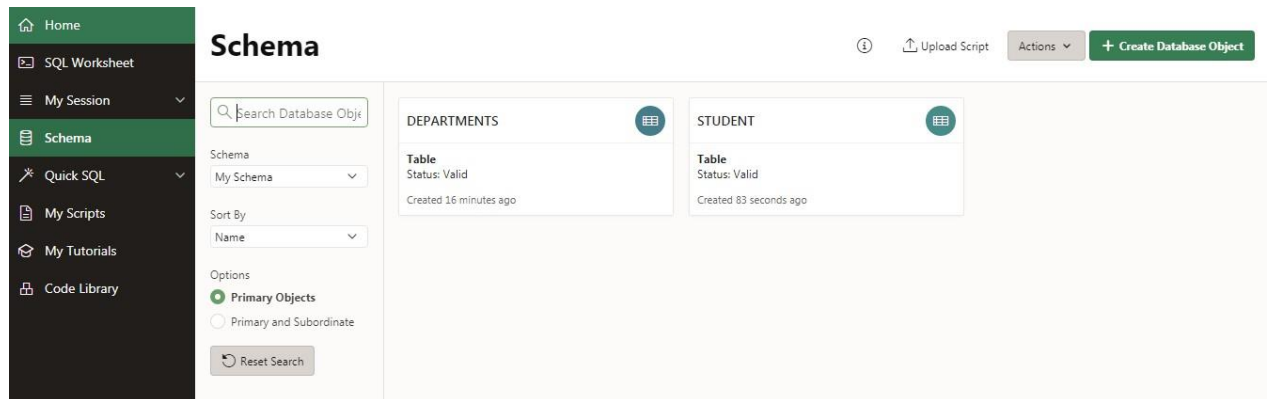
Statement 2

create table departments (
 name varchar2(255) not null,
 location varchar2(4000),
 country varchar2(4000)
)

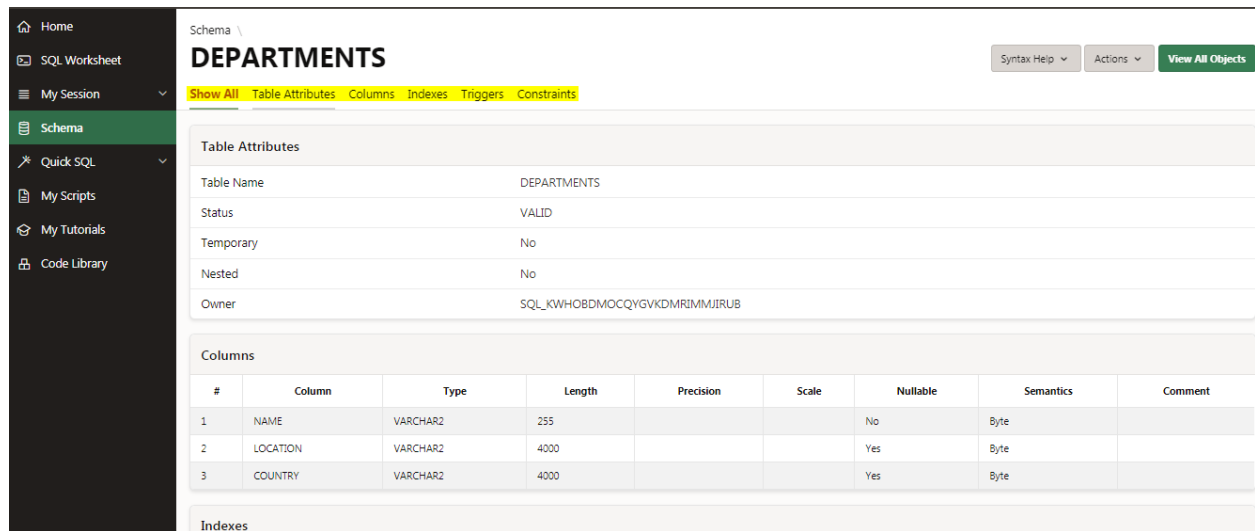
Table created.

You can use to modify your query.

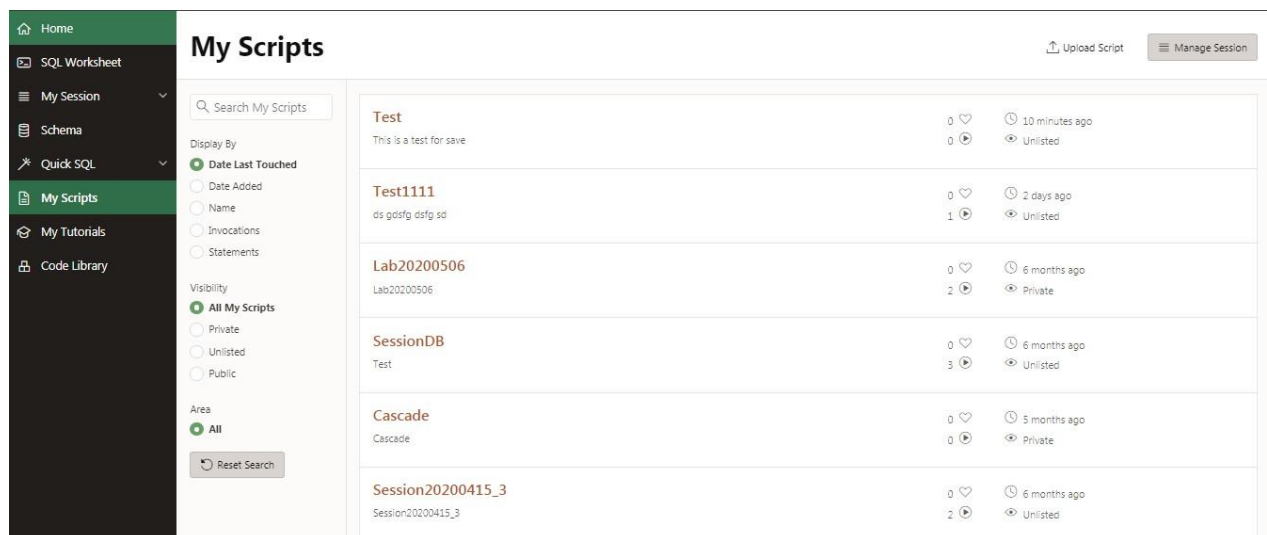
In Schema, a visual scene of your objects is available.



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.