

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:

ᆕ 🚺 Live SQL		⑦ Help - 퀸 Sigr
合 Home		
SQL Worksheet		
≡ My Session ∨		
😫 Schema		
≯ Quick SQL ∨		
My Scripts	Learn and share SQL	
	Running on Oracle Database 19c	
品 Code Library		
	Search scripts and tutorials	Q
	Start Coding Now View Scripts and Tutorials	

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.

Oracle account sign in						
Username						
MyEmail@gmail.com						
Password						
Sign in						
Need help?						
1899년 - 1991년 1871년 1 1971년 - 1971년 1 1971년 - 1971년 1						
Don't have an Oracle Account?						
Create Account						
© 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

= 🖸 Live SQL	CP Feedback ⑦ Help ℓ
合 Home	
SQL Worksheet	
≡ My Session ∨	
😫 Schema	
≯ Quick SQL ∨	
My Scripts	Learn and share SQL
🚱 My Tutorials	Running on Oracle Database 19c
🗄 Code Library	
	Search scripts and tutorials
	Start Coding Now View Scripts and Tutorials

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

යි Home	SQL Worksheet	🖉 Clear	🔖 Find	Actions 🗸	🖹 Save	Run 🕑
E SQL Worksheet	1					
\equiv My Session \checkmark						
😫 Schema						
≯ Quick SQL →						
My Scripts						
🚱 My Tutorials						
🗄 Code Library						
	SQL Statement Output					

For example, to create a table named "Department":

1-Write your query

2-Run the query



- 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

When

	1 2 3 4 5	<pre>create table departments (name varchar2(255) not null, location varchar2(4000), country varchar2(4000))</pre>	
	0	3	
	Table	e created.	
		🗎 Save	
you fin	ish you	ur tasks, it is better to save your codes by using	
Sav	/e Ses	sion ×	
Savir you	ng your s save your	session will allow you to restore your database objects and share your session with others. Once Ir session, it will show under the My Scripts tab within this application.	
S	cript Name	e * Test	
	Visibility	y * 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	n * This is a test for save	
	А	Area	9
	Т	Tags	
	User Disp Name	play ttttt e	
Can	cel	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.

	New Script "Test" saved with 9 statements
My Scripts \	
Script	(i) Actions V 🖉 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 Edit Create table student(ID number,	Name vhachar(30))

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

යි Home	My Socion
E SQL Worksheet	
≣ My Session ∨	Sort most recent last V View Statements and Results V
Previous Sessions	Statement 1
NLS	Create table student(ID number, Name vhachar(30))
😫 Schema	ORA-00907: missing right parenthesis
≯ Quick SQL →	Statement 2
My Scripts	create table departments (name varchar2(255) not null, location varchar2(4000).
🚱 My Tutorials	country varchar2(4000)
🗄 Code Library	
	Table created.
_	
You can use	to modify your query.

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

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SQL Worksheet	Schema		(L) Upload Script	Actions ¥	+ Create Database Object
\equiv My Session \checkmark	Search Database Obje		CTUDENT			
😫 Schema	Schema		Table			
≯ Quick SQL ∨	My Schema 🗸	Status: Valid	Status: Valid			
My Scripts	Sort By	Created 16 minutes ago	Created 83 seconds ago			
😚 My Tutorials	Name 🗸					
🗄 Code Library	Options O Primary Objects					
	O Primary and Subordinate					
	🖒 Reset Search					

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

යි Home	Schema										
SQL Worksheet	DEPARTMENTS							Syntax Help 🐱	Actions ~	View All Objects	
■ My Session ~	Show All	now All Table Attributes Columns Indexes Triggers Constraints									
🗐 Schema											
≯ Quick SQL ∨	Table	Attributes									
My Scripts	Table N	lame		DEPARTMENTS							
	Status	Status			VALID						
	Temporary			No							
Code Library	Nested			No							
	Owner			SQL_KWHOBDMOCQ	YGVKDMRIMMJIRUB						
	Colum	ns									
	#	Column	Туре	Length	Precision	Scale	Nullable	Semantics		Comment	
	1	NAME	VARCHAR2	255			No	Byte			
	2	LOCATION	VARCHAR2	4000			Yes	Byte			
	3	COUNTRY	VARCHAR2	4000			Yes	Byte			
	Indexes										

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

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SQL Worksheet	wy Scripts			긴 Upload Script	■ Manage Session
■ My Session ∨	Q. Search My Scripts	Tut		_	
Schema	Display By	I EST 0 This is a test for save 0	\bigcirc	 Unlisted 	
≯ Quick SQL ✓	O Date Last Touched				
My Scripts	Date Added Name	Test1111 0	\heartsuit	③ 2 days ago	
🚱 My Tutorials	 Invocations 	us gusig usig su 1		 Unlisted 	
🗄 Code Library	Statements Visibility All My Scripts	Lab20200506 0 Lab20200506 2	♡ €	 ⊙ 6 months ago ● Private 	
	 Private Unlisted Public Area Area All Reset Search	SessionDB 0 Test 3	♡ ●	 G months ago Inlisted 	
		Cascade 0 Cascade 0	♡ ●	 S months ago € Private 	
		Session20200415_3 0 Session20200415_3 2	♡	S 6 months agoInlisted	

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