CSE 40933 | UCSD Extension

Introduction to SQL Programming Concepts

Lesson1

Introduction to Databases

http://onlinex.ucsd.edu/CSE/40933/lessons/lec01a/index.htm

Introduction to SELECT Statements

http://onlinex.ucsd.edu/CSE/40933/lessons/lec01b/index.htm

Install SSMS SQL Express and Chinook

http://onlinex.ucsd.edu/players/HTML_Video_Player/videoPlayer.html?xml=/CSE/40933/demos/lec01c.xml

SSMS Review

http://onlinex.ucsd.edu/players/HTML_Video_Player/videoPlayer.html?xml=/CSE/40933/demos/lec01d.xml

Tips and Tricks

http://onlinex.ucsd.edu/players/HTML_Video_Player/videoPlayer.html?xml=/CSE/40933/demos/lec01e.xml

Introduction to SELECT

http://onlinex.ucsd.edu/players/HTML_Video_Player/videoPlayer.html?xml=/CSE/40933/demos/lec01f.xml

Lesson2

Additional WHERE Syntax

http://onlinex.ucsd.edu/CSE/40933/lessons/lec02a/index.htm

Table Components

http://onlinex.ucsd.edu/CSE/40933/lessons/lec02b/index.htm

WHERE Clause Syntax

http://onlinex.ucsd.edu/players/HTML_Video_Player/videoPlayer.html?xml=/CSE/40933/demos/lec02c.xml

Lesson3

Concatenation and Scalar Functions

http://onlinex.ucsd.edu/CSE/40933/lessons/lec03a/index.htm

Linking Tables with the JOIN Clause

http://onlinex.ucsd.edu/CSE/40933/lessons/lec03b/index.htm

Linking Tables with the JOIN Clause

http://onlinex.ucsd.edu/players/HTML_Video_Player/videoPlayer.html?xml=/CSE/40933/demos/lec03c.xml

Concatenation and Math Scalar Functions

http://onlinex.ucsd.edu/players/HTML_Video_Player/videoPlayer.html?xml=/CSE/40933/demos/lec03d.xml

Data and Time Scalar Functions

http://onlinex.ucsd.edu/players/HTML_Video_Player/videoPlayer.html?xml=/CSE/40933/demos/lec03e.xml

String Scalar Functions

http://onlinex.ucsd.edu/players/HTML_Video_Player/videoPlayer.html?xml=/CSE/40933/demos/lec03f.xml

Lesson4

CASE Statements

http://onlinex.ucsd.edu/CSE/40933/lessons/lec04a/index.htm

Working with Aggregates

http://onlinex.ucsd.edu/CSE/40933/lessons/lec04b/index.htm

CASE Statements

http://onlinex.ucsd.edu/players/HTML_Video_Player/videoPlayer.html?xml=/CSE/40933/demos/lec04c.xml

Aggregate Functions

http://onlinex.ucsd.edu/players/HTML_Video_Player/videoPlayer.html?xml=/CSE/40933/demos/lec04d.xml

Lesson5

Data Manipulation Language

http://onlinex.ucsd.edu/CSE/40933/lessons/lec05a/index.htm

Data Definition Language

http://onlinex.ucsd.edu/CSE/40933/lessons/lec05b/index.htm

Data Manipulation Language and Temp Tables

http://onlinex.ucsd.edu/players/HTML_Video_Player/videoPlayer.html?xml=/CSE/40933/demos/lec05c.xml

Creating Databases and Tables

http://onlinex.ucsd.edu/players/HTML_Video_Player/videoPlayer.html?xml=/CSE/40933/demos/lec05d.xml

ALTER and DROP Databases and Tables

http://onlinex.ucsd.edu/players/HTML_Video_Player/videoPlayer.html?xml=/CSE/40933/demos/lec05e.xml

Using SSMS to Manage Tables and Databases

http://onlinex.ucsd.edu/players/HTML_Video_Player/videoPlayer.html?xml=/CSE/40933/demos/lec05f.xml

Lesson6

Views, Procedures and Functions

http://onlinex.ucsd.edu/CSE/40933/lessons/lec06a/index.htm

Transactions

http://onlinex.ucsd.edu/CSE/40933/lessons/lec06b/index.htm

Creating and Using Views

http://onlinex.ucsd.edu/players/HTML_Video_Player/videoPlayer.html?xml=/CSE/40933/demos/lec06c.xml

Creating and Using Stored Procedures

http://onlinex.ucsd.edu/players/HTML_Video_Player/videoPlayer.html?xml=/CSE/40933/demos/lec06d.xml

Creating and Using User Defined Functions

http://onlinex.ucsd.edu/players/HTML_Video_Player/videoPlayer.html?xml=/CSE/40933/demos/lec06e.xml

Working with SQL Transactions

http://onlinex.ucsd.edu/players/HTML_Video_Player/videoPlayer.html?xml=/CSE/40933/demos/lec06f.xml