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CIMW105 SQL

Orientation

MySQL Open Source Relational Database
Maria DB MySQL 5.5 Fork Using 10.x
SQL is SQL

<https://cim.saddleback.edu/canvas>
Help Office Hours – Library LRC

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Outline

- For Fall/21
- Who indirectly Uses SQL – Everyone/Daily
- CIMW105 Curriculum
- Tricks for Doing Well in Class
or DE in general
- Sites Being Used
 - <https://canvas.saddleback.edu> LMS
 - <https://cim.saddleback.edu/pma> DB Server

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For Spring/22

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- Concurrent Ticket
 - CIS 405 NC NonCredit Tuition-free Version
 - CIMW 105 SQL Credit Version
 - Can Take 405 1st 8 Weeks; Credit Version 2nd 8
- Always Pay attention to P/NP, drop W dates
 - SB has been pushing them to near the end
 - For 1st 8 Week Might Be Able to Elect Pass/No Pass After Grades
- Problem Students who Fail don't pay attention to Canvas and/or Emails

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Canvas –

<https://cim.saddleback.edu/canvas>

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- Canvas
Learning Management System written Ruby
- Amazon/Ebay/Blackboard are Java Based
- Both use SQL to communicate to RDBMS
- You Invoke 1000s SQL Queries Daily

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CIMW105 Curriculum

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- Entire Set of Pre-book Canvas Videos
 - Very Meticulous – step by step
 - Covers the complete SQL Language
 - (tutorial..pmaReset.sql)
 - Text-book is easy to read after pre-book videos
- pmaTrigger.sql & up
Overview Advance PLSQL/Triggers/etc
- Text-book Good Coverage of SQL Basics
- Major DS Problem Sensationalism
 - Added Passwords to Some Quizzes – See the Trees in Forest
- DE Major Problem: Procrastinate, Completion Rates, & Study Skills

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Procrastination Cut Corners Solution?

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- Typical Online Problems
 - Don't Stay up with the Work – Snooze you Lose
 - Friends & Google It is not a Study Skill

PROBLEM
SOLUTION

- Slow Pace at First - Look to Develop Skills/Knowledge
- Due Monday Night
- Canvas Has Each Step to Complete
- Material Builds on Itself Not Cut Corners
 - In Logic Oriented Language Basics Matter
 - Videos are Stepping Stones (~50% review)
 - **Tutorial.sql Critical Building Block for Course**
 - Math +, - → * / → algebra → Trig → Calc → diff Eq⁶

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Study Skill

Get Organized Notebook

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- Due Diligence matters (tutorial.sql 3-7hours)
- Create a Notebook for Class
- First Page Canvas Welcome Announcement
- Second Page Schedule Concise Table
- Optional Assignment Page Course Guide

- Print Viewgraphs for videos
 - Viewgraphs 2 per Page and 4 Per page (notes)
- Note Grade Comparisons...
 - On <http://cim.saddleback.edu/de> Page

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Learning

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- Passive Listener <
- Listen + Read (Read the Viewgraphs) <
- Listen + Read + Write (take Notes on VG) <
- Listen + Read + Write +
Work Through Examples On Own <

- Listen + Read + Write + Work Thu + Repeat
Exercise in Gym to Get In Shape
Write SQL Queries a 2nd/3rd Time
Review Notes at Later Date
Mentally Review Key Points (Bed Time)

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CIMW105 Uses Three Sites

- Canvas Private Info – Quizzes/Videos/Webcasts
 - Welcome/Notification Announcements – Weekly Reminders
 - You Complete entire Class using Canvas Read me Modules
- Class Site Public <https://cim.saddleback.edu/cimw105>
 - Assignment Page Detailed Course Guide
 - Can Use Assignment Page to Complete Course
- CIM Database Testing Server also Master Index
 - <https://cim.saddleback.edu>
 - MySQL (MariaDB) DB, Interface & Assignment Auto Grader
 - **Standard School Username**
 - **But Password is Student Number**

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Canvas – Private Info

- <https://canvas.saddleback.edu/> or <https://cim.saddleback.edu/canvas>
- Tutorial.sql
 - Canvas Videos, Canvas Quiz and Submit SQL Assignment
- Quizzes Due Monday 11 PM; Expire Wednesday
 - No Late Penalty
 - CIMW105 last due date 12/19 Monday 11 PM
(last expiration Tuesday Morning 12/21 9AM - terminates)
- Assignment Due Monday
 - 1 Week Late 25% Penalty; after 1 week 50% Penalty
 - 24/7 AutoGrader <https://cim.saddleback.edu/submit>

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Class Site Syllabus

- <https://cim.saddleback.edu/cimw105>
- <https://cim.saddleback.edu/cis405nc> (noncredit)
- C Grade Covers All Basics for SQL
 - Work Top Down Through Assignments
 - Covers Entire SQL/PLSQL Language Reading
 - Just Follow Instructions for a C Grade
 - Requires Minimum Logic, Learn to Read SQL
- B Grade up to including Chapter 3
- A Grade up to including Chapter 6
 - Pre-book Videos does make book easy to read



Summary

- <https://cim.saddleback.edu> Testing Server
 - Databases, Interface and Submit (Auto Grader)
 - CIM Password is Student ID/Number
- Canvas
 - [Cim.saddleback.edu/canvas](https://cim.saddleback.edu/canvas)
 - Welcome Announcement Where to Get Started
 - Quizzes Course Navigation (may add modules quiz+video)
- Class Site
 - Assignment Page Detailed Course Guide (Alter navigator)
 - A, B & C Grade Dependents on Points You Achieve
- Tutorial Video set up Workspace Environment



Canvas

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- <https://cim.saddleback.edu/canvas>
- Select cimw105 or cis405nc
- Select Home button
- Complete Read Me First Module
 - Review Schedule/Syllabus
 - A/B Grade cover chapter 2-6 & Prebook
- Tutorial.sql
 - Videos (setup Browser Workspace Environment)
 - Submit & PHPMyAdmin
 - <https://cim.saddleback.edu/submit>
 - <https://cim.saddleback.edu/pma>
 - <https://cim.saddleback.edu/canvas>

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- `Ebay.com?data=xyz;`
- `Ebay.com?data=(delete * from table where 1);`

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