

Week 3.....Assignt2 database.....updated

- **Normalization & DB Creation**
[Normalization & DB Creation](#)
Attached Files:
 - [Normalization and DB Creation.pptx](#)
 - [dbvis.license](#)
 - Go over Homework #1 Solution
 - 1st Normal Form
 - 2nd Normal Form
 - 3rd Normal Form
 - Jeff Normal Form
 - Real World Creation of a Data Model
 - Primary Keys
 - Foreign Keys
 - DB Visualizer
 - Creating a DB Connection
 - Creating Tables via a GUI
 - Primary Keys
 - Foreign Keys
 - References
 - Create Table via Code
 - Inserting Data via GUI
 - Importing Data via GUI
 - Inserting Data via Code
 - Creating a Table from an External Data Source
 - ALTER TABLE

PLEASE DO NOT SHARE THE LICENSE FILE.

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Homework Assignment #2

Attached Files:

- [Athlete.xlsx](#)
- [Bib.xlsx](#)
- [Judge.xlsx](#)
- [JudgeCall.xlsx](#)
- [Observer.xlsx](#)
- [RaceJudge.xlsx](#)
- [VisualObservation.xlsx](#)

Submit the database file created by SQLite as your "answer" to this assignment.

Install SQLite.

Install DBVisualizer Pro.

Create the entire database explained here.

This includes all the Primary and Foreign keys.

Save all the SQL statements required to create your table.

Load all the data for each table.

Manually enter the Event and Race tables.
Load from the given spreadsheets the data for the tables: Athlete, Bib, Judge, JudgeCall, Observer, RaceJudge, and VideoObservation.

Let's anonymize the data, use the following for Event and Race

Event			
IDEvent	Event	City	Country
1	Boonta Eve Classic	Mos Espa	Tatooine

Race						
IDRace	IDEvent	RaceDate	StartTime	Distance	DistanceUnits	Gender
1	1	2023-08-04	7:00 AM	35	km	MF
2	1	2023-08-19	10:50 AM	20	km	M
3	1	2023-08-20	7:15 AM	20	km	F