CALIFORNIA STATE POLYTECHNIC UNIVERSITY

**Department of Computer Science**

***CS 4650***

**N.D.**

**Project 2(SQL)**

All questions from SQLZOO

<https://sqlzoo.net>

**Screen Capture results** and save in a **PDF** or **DOC** file. Submit assignment on Blackboard.

All screen shots should be upright in orientation and the questions should be answered in order.

**NOTE**: You are encouraged to HELP each other on SLACK! Do not share screen shots but, assist each other on how to complete this assignment. Ask each other for help in the Questions and Answers channel.

Complete the following section:

**[0 SELECT basics](https://sqlzoo.net/wiki/SELECT_basics)**

Some simple queries to get you started

**[1 SELECT name](https://sqlzoo.net/wiki/SELECT_names)**

Some pattern matching queries

**[2 SELECT from World](https://sqlzoo.net/wiki/SELECT_from_WORLD_Tutorial)**

In which we query the World country profile table.

**[3 SELECT from Nobel](https://sqlzoo.net/wiki/SELECT_from_Nobel_Tutorial)**

Additional practice of the basic features using a table of Nobel Prize winners.

**[4 SELECT within SELECT](https://sqlzoo.net/wiki/SELECT_within_SELECT_Tutorial)**

In which we form queries using other queries.

**[5 SUM and COUNT](https://sqlzoo.net/wiki/SUM_and_COUNT) (Also complete more the same)**

In which we apply aggregate functions. [more the same](https://sqlzoo.net/wiki/The_nobel_table_can_be_used_to_practice_more_SUM_and_COUNT_functions.)

**[6 JOIN](https://sqlzoo.net/wiki/The_JOIN_operation) (also complete music tutorial)**

In which we join two tables; game and goals. [previously music tutorial](https://sqlzoo.net/wiki/Music_Tutorial)

**[7 More JOIN operations](https://sqlzoo.net/wiki/More_JOIN_operations)**

In which we join actors to movies in the Movie Database.

**[8 Using Null](https://sqlzoo.net/wiki/Using_Null)(also complete Scottish Parliament)**

In which we look at teachers in departments. [previously Scottish Parliament](https://sqlzoo.net/wiki/Scottish_Parliament)

**[8+ Numeric Examples](https://sqlzoo.net/wiki/NSS_Tutorial)**

In which we look at a survey and deal with some more complex calculations.

**[9- Window function](https://sqlzoo.net/wiki/Window_functions)**

In which we examine UK general election results.

**[9+ COVID 19](https://sqlzoo.net/wiki/Window_LAG)**

In which we measure the impact of COVID-19