In this Project add (your own) data to tables you'd create, based on your database design from Project1, then write SQL queries to run on those tables :)

You'll be using 'Oracle Live SQL' to do your work, and submit links to - so you don't need to install anything, or directly submit any code on D2L! You'll simply be submitting links...[eg: https://livesql.oracle.com/apex/livesql/s/c1v3mbw9y8jnivrr0fb85cjxq]

Here are a couple of pages to get you started on Live SQL: https://www.thatjeffsmith.com/archive/2016/03/a-place-to-learn-oracle-no-setup-required/ and this one.

Q1 (2 points). Given a time range (eg. Jan 1 to Jan 31, 2021), in that interval, what is the average amount a procedure cost, and how long did it take on the average?

Q2 (2 points). Given a date, what is the income for that date, from all the procedures performed that day? The owners could run this daily, to chart income, cumulative income, etc.

Q3 (1 point). The owners have asked you to create a new table, after you'd built the original db - this is a simple 'capabilities' table, with just two columns: EMPLOYEE ID, SKILL. With this table, they hope to have, in a single place, what each employee (staff, surgeons... everyone) can do, eg. throw a party, file taxes, administer injections, extract teeth, talk to the press... [each employee would pick from a giant list of tasks, one or more of the items - this is to prevent variations and typos].

Write a query that will pick out only the employees who can do every task in a table such as the one below:

File taxes

Meet the press

Organize spring cleaning

Do teeth cleaning

Reorder inventory

Why do this? The owners want to plan a 'light week' that is staffed with a limited number of employees who can do all the above, and rotate tasks - while giving the rest of the staff, paid time off (the ones who come to work get 1.5x pay for that week - cool!).

Q4 (1 point).

Come up with a(nother) reasonable query that the owners would want to make, using all the data in their db, and write SQL for it. Explain in your submission README, what the query is, in plain English, and also how your SQL code works (ie what it does to carry out the query

Here is a cool way to auto-generate INSERT commands (to populate a SQL table): https://webutility.io/csv-to-insert-sql-online [TL;DR: create a .csv text file of the data, then use this page to obtain a set of INSERT commands, one for each row].