

PRACTICE Advance SQL

CREATE DATABASE:

Download the Parks.backup file.

Make a new database and call it ParksAdvanceSQL.

Right click on the restore button and restore using the backup file provided.

This is very similar to the Parks Canada file that we have been working on – it has data filled in for a few parks and its vegetation and wildlife.

EXPLORE the tables and its contents

Try to explore all the tables, by running

Select * from **tablename**;

Then try the following creatively on your own:

- Write one INNER JOIN, one LEFT OUTER JOIN (OR one RIGHT OUTER JOIN) query of your choice. Document your query and justify its use
- Write one subquery. Document and justify your queries.
- Write one UNION query.

Example Cases:

1. Write the SQL query to list all the Park Names and Province Names as two columns in a table (Join)
2. Write the SQL query to find out the Parks for which wildlife data has not been entered yet (Outer Join)
3. Write the SQL query to list all the wildlife and vegetation for the province Ontario (Union).
4. Count the total number of vegetation entered for each park and list those that have more than 2 listed. (Group by and Having)