CPSC 408
Assignment 3
Using the Chinook Database

SET 1

1) Write a query to return the average duration of tracks (in milliseconds) for each composer.
2) Write a query to return the total number of unique customers.
3) Write a query to get the total number of records and the max unit price for each media type, genre combination.
4) Write a query to get the average duration of tracks (in milliseconds) for each genre. Must have genre name in the result.
5) Write a query to show the total number of albums per artist name.
6) Write a query to return the total number of invoices per billing city, billed in USA.

SET 2

1) Write a query to return the average duration of tracks (in milliseconds) for each composer, for tracks with a duration shorter than 375000 milliseconds.
2) Write a query to return the average duration of tracks (in milliseconds) for each composer, where the average duration is less than 375000 milliseconds.
3) Find the names of all billing countries that have fewer than 10 records.
4) Find the name of the billing country that has 8 cities in the invoices table.
5) Write a query to find billing countries and the sum of their totals, that have more than 5 records each, from the year 2010.

SET 3 Convert 1.1, 1.2, 1.4, 2.2, 2.5 to Relational Algebra.