**IS 456 IT Database Systems Management**

**Programming Exercise 6**

4/13/2021 Developed by Farzin Bahadori

School of Technology & Computing @ City University of Seattle (CityU)

SQLite-Use the Chinook Database

# -- Task 1

* Write a SELECT statement that will return the Artistid column from the artists table (use table alias) and the albumid column from the albums table (use table alias) using a LEFT join.
* Specify the Artistid column common to both tables as a predicate in the ON clause of the join
* Execute the written statement.

# -- Task 2

* Write a SELECT statement that joins the albums table (use table alias “A”) with the tracks table (use table alias “T”)
* Use the albumid column common to both tables as a predicate in the ON clause of the join (INEERE JOIN)
* Return the trackid, name and title columns from the tracks table
* Execute the written statement.

# -- Task 3

* Write a SELECT statement that joins( Use the CROSS JOIN) the albums table (use table alias “A”)
* with the media\_types table (use table alias “M”).
* Use the column common to both tables as a predicate in the ON clause of the join (CROSS JOIN)
* Execute the written statement.

# -- Task 4

* Write a SELECT statement that joins( SELF JOIN by using INNER JOIN) the employees table (use table alias “E”) employees reports to manager
* --using two columns: EmployeeId and ReportsTo
* --Use ORDER BY clause for manager column
* Execute the written statement.