**CS 639**

**Exercise on SQLite**

We consider a table *student* with 2 attributes *id, name.* We consider the *query* and *insert* methods of the class *SQLiteDatabase*.

Rename this file into LastNameFirstNameAndroidSQLiteExercise.docx and push it at the root of CS6392015 in GitHub.

1. How do you write select \* from student using the provided *query* method?

StudentDatabaseHelper dbHelper = new StudentDatabaseHelper(this.getActivity());

SQLiteDatabase db = dbHelper.getWritableDatabase();

db.query(“student”, null, null ,null ,null ,null ,null);

1. How do you write select name from student using the provided *query* method?

StudentDatabaseHelper dbHelper = new StudentDatabaseHelper(this.getActivity());

SQLiteDatabase db = dbHelper.getWritableDatabase();

String []nameArray={“name”};

db.query(“student”, nameArray, null ,null ,null ,null ,null);

1. How do you write select \* from student where name = ‘Smith’ using the provided *query* method?

StudentDatabaseHelper dbHelper = new StudentDatabaseHelper(this.getActivity());

SQLiteDatabase db = dbHelper.getWritableDatabase();

db.query(student”, null, “name=’Smith’” ,null ,null ,null ,null);

1. How do you write insert into student(id,name) values (10,’John’)?

StudentDatabaseHelper dbHelper = new StudentDatabaseHelper(this.getActivity());

SQLiteDatabase db = dbHelper.getWritableDatabase();

db.execSQL(“INSERT INTO student(id,name)VALUES(10,’John’)”);