**CS 639**

**Exercise on SQLite and Firebase**

**SQLite**

We consider a table *student* with 2 attributes *id* and *name.* We consider the *query* and *insert* methods of the class *SQLiteDatabase* (https://developer.android.com/reference/android/database/sqlite/SQLiteDatabase.html).

Rename this file into LastNameFirstNameAndroidSQLiteExercise.docx and push it (with the answers) at the root of CS6392016 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();

Cursor c = 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();

Cursor c = db.query(student,”name”, 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();

Cursor c = 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();

ContentValues values = new ContentValues();

values.put(“id”,”10”);

values.put(“name”,”John”);

long new\_entry = db.insert(“student”, null, values);