**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.

public Cursor query( String table, String[] columns, String selection, String[] selectionArgs, String groupBy, String having, String, orderBy, String limit)

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, 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();

db.query(“Student”, “name”, null, 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, null);

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

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

SQLiteDatabase db = dbHelper.getWritableDatabase();

ContentValues values = new ContentValues();

values.put(“id”,10);

values.put(“name”, “John”);

long newItem = db.insert(“student”, null, values);