**Exercise on SQLite**

**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> ).

*IN THE QUESTIONS BELOW, DO NOT USE SQL BUT USE THE PARSE METHOD THAT IS PROVIDED IN JAVA.*

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);

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

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

SQLiteDatabase db = dbHelper.getWritableDatabase();

ContentValues insertValues = new ContentValues();

insertValues.put(“id”,”10”);

insertValues.put(“name”,”john”);

db.insert(“student”,null,insertValues);