

Código ANDROID

MainActivity

```
import android.content.Intent;
import android.os.Bundle;
import android.support.v7.app.AppCompatActivity;
import android.view.View;
import android.widget.ArrayAdapter;
import android.widget.Button;
import android.widget.ListView;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.lista);

        String[] livros = {"Organização Estruturada de Computadores",
"Java como programar", "Treinamento em Linguagem C", "Algoritmos"};
        ListView lista = (ListView) findViewById(R.id.lista);
        ArrayAdapter<String> ad = new ArrayAdapter<String>(this,
android.R.layout.simple_list_item_1, livros);
        lista.setAdapter(ad);

        Button botaoNovo = (Button) findViewById(R.id.novo);
        botaoNovo.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Intent intent = new
Intent(MainActivity.this, formActivity.class);
                startActivity(intent);
            }
        });
    }
}
```

FormActivity

```
import android.os.Bundle;
import android.support.v7.app.AppCompatActivity;
import android.view.View;
import android.widget.Button;
import android.widget.Toast;

public class formActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.form);

        Button botaoGravar = (Button) findViewById(R.id.gravar);
        botaoGravar.setOnClickListener(new View.OnClickListener() {
            @Override
```

```

        public void onClick(View v) {

            Toast.makeText(formActivity.this, "Salvo!",
Toast.LENGTH_SHORT).show();
            finish();
        }
    });
}
}

```

DAO

```

import android.content.Context;
import android.database.sqlite.SQLiteDatabase;
import android.database.sqlite.SQLiteOpenHelper;

public class DAO extends SQLiteOpenHelper{

    public DAO(Context context) {
        super(context, "Lista", null, 1);
    }

    @Override
    public void onCreate(SQLiteDatabase db) {
        String sql = "CREATE TABLE livros(id INTEGER PRIMARY KEY,
titulo TEXT NOT NULL, autor TEXT, editora TEXT, local TEXT, ano TEXT,
score REAL);";
        db.execSQL(sql);
    }

    @Override
    public void onUpgrade(SQLiteDatabase db, int oldVersion, int
newVersion) {

    }

}

```

Manifests

```

<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android">

    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:supportsRtl="true"
        android:theme="@style/AppTheme">

        <activity
            android:name=".MainActivity"
            android:label="@string/app_name"
            android:theme="@style/AppTheme.NoActionBar">

```

```

        <intent-filter>
            <action android:name="android.intent.action.MAIN" />
            <category
android:name="android.intent.category.LAUNCHER" />
        </intent-filter>
    </activity>

    <activity
        android:name=".formActivity"
        android:label="@string/title_activity_main2"
        android:theme="@style/AppTheme.NoActionBar">
    </activity>
    <meta-data
        android:name="com.google.android.gms.version"
        android:value="@integer/google_play_services_version" />

</application>

</manifest>

```

form.xml

```

<?xml version="1.0" encoding="utf-8"?>
<ScrollView
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent">

    <LinearLayout
        android:id="@+id/form"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="vertical">

        <EditText android:hint="Titulo"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:id="@+id/titulo"/>

        <EditText android:hint="Autor"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:id="@+id/autor"/>

        <EditText android:hint="Editora"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:id="@+id/editora"/>

        <EditText android:hint="Local"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:id="@+id/local"/>

        <EditText android:hint="Ano"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:id="@+id/ano"/>
    </LinearLayout>
</ScrollView>

```

```

        <RatingBar
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:numStars="10"
            android:layout_gravity="center"
            android:id= "@+id/score"/>

        <Button
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Gravar"
            android:id= "@+id/gravar"/>

        <Button
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:text="Limpar"
            android:id= "@+id/limpar"/>

    </LinearLayout>

</ScrollView>

```

lista.xml

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android=http://schemas.android.com/apk/res/android
    android:orientation="vertical"
        android:layout_width="match_parent"
        android:layout_height="match_parent">

    <ListView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:id="@+id/lista"/>

    <Button
        android:id="@+id/novo"
        android:text="+"
        android:textColor="#ffffff"
        android:textSize="38sp"
        android:elevation="10dp"
        android:layout_marginBottom="10dp"
        android:layout_marginRight="10dp"
        android:background="@drawable/tipo"
        android:stateListAnimator="@null"
        android:layout_width="50dp"
        android:layout_height="50dp"
        android:layout_alignParentBottom="true"
        android:layout_alignParentRight="true"

    />

</RelativeLayout>

```

tipo.xml

```
<?xml version="1.0" encoding="utf-8"?>
<shape xmlns:android="http://schemas.android.com/apk/res/android"
    android:shape="rectangle">
    <solid
        android:color="#3B67F7"/>
</shape>
```