Activity\_main.xml

*<?***xml version="1.0" encoding="utf-8"***?>*

<**android.support.constraint.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"**

**xmlns:app="http://schemas.android.com/apk/res-auto"**

**xmlns:tools="http://schemas.android.com/tools"**

**android:layout\_width="match\_parent"**

**android:layout\_height="match\_parent"**

**tools:context=".MainActivity"**>

<**ListView**

**android:layout\_width="match\_parent"**

**android:layout\_height="match\_parent"**

**android:id="@+id/listv"**

/>

</**android.support.constraint.ConstraintLayout**>

MainActivity.java

**package** com.example.jevitha.a8\_1\_listview\_sublist;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.View;

**import** android.widget.AdapterView;

**import** android.widget.ListView;

**import** android.widget.SimpleAdapter;

**import** android.widget.TextView;

**import** android.widget.Toast;

**import** java.util.ArrayList;

**import** java.util.HashMap;

**import** java.util.List;

**import** java.util.Map;

**public class** MainActivity **extends** AppCompatActivity **implements**

AdapterView.OnItemClickListener {

ListView lv;

String[] countries = {**"India"**, **"America"**, **"China"**, **"Japan"**};

String[] currencies = {**"INR"**, **"USD"**, **"CNY"**, **"JPY"**};

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

lv=findViewById(R.id.listv);

List<Map<String, String>> messages = **new** ArrayList<>();

HashMap<String,String> content ;

**for**(**int** i = 0 ; i < countries.length; i++) {

content = **new** HashMap<String, String>();

content.put(**"country"**, countries[i]);

content.put(**"currency"**, currencies[i]);

messages.add(content);

}

String[] entry = **new** String[] {**"country"**, **"currency"**};

SimpleAdapter adapter = **new** SimpleAdapter(**this**, messages,

android.R.layout.***simple\_list\_item\_2***,

entry,

**new int**[] {android.R.id.***text1***,

android.R.id.***text2***,

});

**lv**.setAdapter(adapter);

**lv**.setOnItemClickListener(**this**);

}

@Override

**public void** onItemClick(AdapterView<?> parent, View view, **int** position, **long** id) {

StringBuilder sb = **new** StringBuilder(**""**);

*//By position in array*

sb.append(**countries**[position]+**" : "**);

sb.append(**currencies**[position]+**"\n"**);

Toast.*makeText*(getApplicationContext(), sb.toString(),

Toast.***LENGTH\_SHORT***).show();

}

}