**ADAPTER**

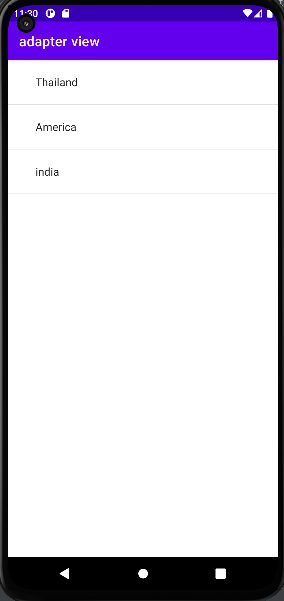
**Xml**

<?xml version="1.0" encoding="utf-8"?>  
<androidx.constraintlayout.widget.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/list"  
 />  
</androidx.constraintlayout.widget.ConstraintLayout>

**Java file**

package com.example.adapterview;  
  
import androidx.appcompat.app.AppCompatActivity;  
import androidx.recyclerview.widget.RecyclerView;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Adapter;  
import android.widget.AdapterView;  
import android.widget.ArrayAdapter;  
import android.widget.ListView;  
import android.widget.Toast;  
  
import com.example.adapterview.R;  
  
public class MainActivity extends AppCompatActivity {  
 ListView list;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 list =findViewById(R.id.*list*);  
 String Countries[]= new String[] {"Thailand","America","india"};  
 ArrayAdapter<String> myAdapter =new ArrayAdapter<String>(MainActivity.this,  
 android.R.layout.*simple\_expandable\_list\_item\_1*,Countries);  
 list.setAdapter(myAdapter);  
  
 list.setOnItemClickListener(new AdapterView.OnItemClickListener() {  
 @Override  
 public void onItemClick(AdapterView<?> parent, View view, int position, long id) {  
 Toast.*makeText*(getApplicationContext(),"You clicked"+Countries[position],Toast.*LENGTH\_SHORT*).show();  
 }  
 });  
 }  
}

**OUTPUT**

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