List View (Simple Array Adapter)

Project Name: ListViewMCA

*<?*xml version="1.0" encoding="utf-8"*?>*<LinearLayout  
 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="wrap\_content"  
 tools:context=".MainActivity">  
  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 >  
  
  
 <ListView  
 android:id="@+id/listView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="453dp"  
 android:divider="#F00"  
 android:dividerHeight="1dp"  
 android:listSelector="@color/purple\_200" />  
 </LinearLayout>  
</LinearLayout>

package com.sonal.listviewmca;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.AdapterView;  
import android.widget.ArrayAdapter;  
import android.widget.ListView;  
import android.widget.Toast;  
  
import java.util.ArrayList;  
  
public class MainActivity extends AppCompatActivity {  
 ListView listView;  
  
 ArrayList <String> arrCities = new ArrayList<>();  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_main);  
 listView= findViewById(R.id.listView);  
 arrCities.add("Mumbai");  
 arrCities.add("Pune");  
 arrCities.add("Delhi");  
 arrCities.add("Ahmedabad");  
 arrCities.add("Jaipur");  
 arrCities.add("Baroda");  
 arrCities.add("Hyderabad");  
 arrCities.add("Bhopal");  
 arrCities.add("Indore");  
 arrCities.add("Surat");  
 *//ArrayAdapter<String> listadapter = new ArrayAdapter<String>(this, android.R.layout. )  
  
 //ArrayAdapter<String> la=new ArrayAdapter<>(this, android.R.layout)* ArrayAdapter<String> listadapter= new ArrayAdapter<>(getApplicationContext(), android.R.layout.*simple\_list\_item\_1*,arrCities);  
 listView.setAdapter(listadapter);  
  
 listView.setOnItemClickListener(new AdapterView.OnItemClickListener() {  
 @Override  
 public void onItemClick(AdapterView<?> parent, View view, int position, long id) {  
  
 String city=arrCities.get(position);  
 Toast.*makeText*(getApplicationContext(), city, Toast.*LENGTH\_LONG*).show();  
  
 *//Toast toast= Toast.makeText(getApplicationContext(), "Item Clicked", Toast.LENGTH\_LONG).show();* }  
 });  
  
 }  
}