

ListView Example:

1. activity_main.xml

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

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

</LinearLayout>
```

2. strings.xml

```
<resources>
    <string name="app_name">ListViewExample</string>
    <string-array name="array_technology">
        <item>Android</item>
        <item>Java</item>
        <item>Php</item>
        <item>Hadoop</item>
        <item>Sap</item>
        <item>Python</item>
        <item>Ajax</item>
        <item>C++</item>
        <item>Ruby</item>
        <item>Rails</item>
        <item>.Net</item>
        <item>Perl</item>
        <item>C</item>
        <item>Java Script</item>
        <item>Kotlin</item>
        <item>VB.NET</item>
        <item>C#</item>
        <item>ASP.NET</item>
        <item>SQL</item>
        <item>PlSql</item>
        <item>JSP</item>
        <item>ASP</item>
        <item>Servlet</item>
        <item>HTML</item>
        <item>CSS</item>
        <item>JDBC</item>
    </string-array>
</resources>
```

3. MainActivity.java

```
package com.training.listviewexample;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.view.View;
import android.widget.AdapterView;
import android.widget.AdapterView.OnItemClickListener;
import android.widget.ArrayAdapter;
import android.widget.ListView;
import android.widget.TextView;
import android.widget.Toast;

import org.w3c.dom.Text;

public class MainActivity extends AppCompatActivity {

    ListView lstview;
    TextView txtView;
    String []listItem;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        lstview=findViewById(R.id.listView);
        txtView=findViewById(R.id.textView);

        listItem=getResources().getStringArray(R.array.array_technology);

        ArrayAdapter<String> adapter=new ArrayAdapter<String>(this,
        android.R.layout.simple_list_item_1,listItem);
        lstview.setAdapter(adapter);

        lstview.setOnItemClickListener(new
        AdapterView.OnItemClickListener() {
            @Override
            public void onItemClick(AdapterView<?> adapterView, View
            view, int i, long l) {
                String value;
                value = adapter.getItem(i);

                Toast.makeText(MainActivity.this,value,Toast.LENGTH_SHORT).show();
            }
        });
    }
}
```

4. Output

