

ARRAY ADAPTER

activity_main.xml

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

<RelativeLayout
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" />

    <ListView
        android:id="@+id/listview"
        android:layout_width="368dp"
        android:layout_height="495dp"
        tools:layout_editor_absoluteX="8dp"
        tools:layout_editor_absoluteY="8dp"
        android:verticalScrollbarPosition="defaultPosition"/>

</RelativeLayout>
```

MainActivity.java

```
package com.example.array;
```

```

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.Toast;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        ListView lv = (ListView)findViewById(R.id.listview);
        String[] item = new String[]{"Cricket", "football",
"badminton", "tennis", "volleyball"};

        ArrayAdapter arrayAdapter = new
ArrayAdapter<String>(MainActivity.this,
android.R.layout.simple_list_item_1, item);

        lv.setAdapter(arrayAdapter);

        lv.setOnItemClickListener(new
AdapterView.OnItemClickListener() {

            @Override
            public void onItemClick(AdapterView<?> adapterView,
View view, int i, long l) {

```

```
        String item_name=item[i];

        Toast.makeText(MainActivity.this,item_name,Toast.LENGTH_LONG).show();
    }
});
```

OUTPUT