**PROGRAM 14 Date:15/2/2022**

**AIM:** Develop an application that uses ArrayAdapter with ListView.

# PROGRAM CODE:

**activity\_main.xml**

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

<RelativeLayout xmlns:android=["http://schemas.android.com/](http://schemas.android.com/apk/res/android)a[pk/res/android"](http://schemas.android.com/apk/res/android) xmlns:app=["http://sc](http://schemas.android.com/apk/res-auto)h[emas.android.com/apk/res-auto"](http://schemas.android.com/apk/res-auto) xmlns:t[ools="ht](http://schemas.android.com/tools)tp:/[/sc](http://schemas.android.com/tools)he[mas.android.com/tools"](http://schemas.android.com/tools) android:layout\_width="match\_parent" android:layout\_height="match\_parent"

tools:context=".MainActivity">

<ListView android:id="@+id/lv1"

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

/>

</RelativeLayout>

# Mainactivity.java

package com.example.myapplication15;

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;

public class MainActivity extends AppCompatActivity { ListView l;

String [] p={"Rajendra Prasd(1884-1963)","S Radhakrishnan(1888- 1993)","Zakir Husain (1894-1980)"};

@Override

protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.*activity\_main*); l=(ListView)findViewById(R.id.*lv1*); ArrayAdapter <String> adapter= new

ArrayAdapter<String>(this,android.R.layout.*simple\_list\_item\_1*,p); l.setAdapter(adapter);

l.setOnItemClickListener(new AdapterView.OnItemClickListener() { @Override

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

Toast.*makeText*(getBaseContext(),p[i],Toast.*LENGTH\_LONG*).show();

}

});

}

}

**RESULT:** Program compiled successfully and output verified.

**OUTPUT:**

