**ListView**

**activity\_main.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"**>  
  
 <**TextView  
 android:id="@+id/textView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="LISTVIEW DEMO"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.498"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.105"** />  
  
 <**ListView  
 android:id="@+id/lv"  
 android:layout\_width="308dp"  
 android:layout\_height="486dp"  
 android:layout\_marginStart="50dp"  
 android:layout\_marginLeft="50dp"  
 android:layout\_marginTop="80dp"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView"** />  
  
</**androidx.constraintlayout.widget.ConstraintLayout**>

**MainActivity.java**

**package** com.example.exam\_listview;  
  
**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.TextView;  
**import** android.widget.Toast;  
  
**public class** MainActivity **extends** AppCompatActivity {  
 ListView **lv**;  
 String **listItem**[] = {**"Avani"**,**"Prajoti"**,**"Edwin"**,**"Parmanand"**,**"Jayada"**, **"Gaurpriya"**, **"Sandra"**};  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
  
 **lv**=findViewById(R.id.***lv***);  
  
 **final** ArrayAdapter<String> adapter = **new** ArrayAdapter<String>(**this**,  
 android.R.layout.***simple\_list\_item\_1***, **listItem**);  
  
 **lv**.setAdapter(adapter);  
  
 **lv**.setOnItemClickListener(**new** AdapterView.OnItemClickListener() {  
 @Override  
 **public void** onItemClick(AdapterView<?> adapterView, View view, **int** position, **long** l) {  
 *//* ***TODO Auto-generated method stub*** String value=adapter.getItem(position);  
 Toast.*makeText*(getApplicationContext(),value,Toast.***LENGTH\_SHORT***).show();  
  
 }  
 });  
 }  
}