**Program no: 14**

**Aim:** Develop an application that uses ArrayAdapter with ListView

# XML Code:

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

<androidx.constraintlayout.widget.ConstraintLayout xmlns:android=["ht](http://schemas.android.com/apk/res/android)t[p://schemas.android.com/apk/res/android](http://schemas.android.com/apk/res/android)" xmlns:tools="<http://schemas.android.com/tools>" xmlns:app=["ht](http://schemas.android.com/apk/res-auto)t[p://schemas.android.com/apk/res-auto](http://schemas.android.com/apk/res-auto)" android:layout\_width="match\_parent" android:layout\_height="match\_parent" tools:context=".MainActivity">

<ListView android:id="@+id/mobile\_list" android:layout\_width="match\_parent" android:layout\_height="wrap\_content" >

</ListView>

</androidx.constraintlayout.widget.ConstraintLayout>

# Java Code:

package com.example.adapter;

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 implements AdapterView.OnItemClickListener {

ListView l;

String[]

days={"Sunday","Monday","Tuesday","Wednesday","Thursday","Friday","Satu rday"}; @Override

protected void onCreate(Bundle savedInstanceState) { super.onCreate(savedInstanceState); setContentView(R.layout.activity\_main); l=findViewById(R.id.mobile\_list);

ArrayAdapter<String> adapter= new ArrayAdapter<String>(this,R.layout.support\_simple\_spinner\_dropdown\_item,d ays);

l.setAdapter(adapter); l.setOnItemClickListener(this);

}

@Override

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

Toast.makeText(this,"You clicked"+temp.getText()+"at"+i,Toast.LENGTH\_LONG).show();

}

}

# Output:

