Activity.xml

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

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

    android:layout\_width="fill\_parent"

    android:layout\_height="fill\_parent"

    android:orientation="vertical" >

    <ListView

        android:id="@+id/listView"

        android:layout\_width="match\_parent"

        android:layout\_height="wrap\_content" />

</LinearLayout>

Manifest code

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

<manifest xmlns:android="http://schemas.android.com/apk/res/android"

    package="com.example.exno6" >

    <uses-permission android:name="android.permission.INTERNET"/>

    <application

        android:allowBackup="true"

        android:icon="@mipmap/ic\_launcher"

        android:label="@string/app\_name"

        android:supportsRtl="true"

        android:theme="@style/AppTheme" >

        <activity android:name=".MainActivity" >

            <intent-filter>

                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />

            </intent-filter>

        </activity>

    </application>

</manifest>

Java code:

package com.example.exno6;

import android.app.ListActivity;

import android.content.Intent;

import android.net.Uri;

import android.os.AsyncTask;

import android.os.Bundle;

import android.view.View;

import android.widget.ArrayAdapter;

import android.widget.ListView;

import org.xmlpull.v1.XmlPullParser;

import org.xmlpull.v1.XmlPullParserException;

import org.xmlpull.v1.XmlPullParserFactory;

import java.io.IOException;

import java.io.InputStream;

import java.net.MalformedURLException;

import java.net.URL;

import java.util.ArrayList;

import java.util.List;

public class MainActivity extends ListActivity

{

    List headlines;

    List links;

    @Override

    protected void onCreate(Bundle savedInstanceState)

    {

        super.onCreate(savedInstanceState);

        new MyAsyncTask().execute();

    }

    class MyAsyncTask extends AsyncTask<Object,Void,ArrayAdapter>

    {

        @Override

        protected ArrayAdapter doInBackground(Object[] params)

        {

            headlines = new ArrayList();

            links = new ArrayList();

            try

            {

                URL url = new URL("https://codingconnect.net/feed");

                XmlPullParserFactory factory = XmlPullParserFactory.newInstance();

                factory.setNamespaceAware(false);

                XmlPullParser xpp = factory.newPullParser();

                // We will get the XML from an input stream

                xpp.setInput(getInputStream(url), "UTF\_8");

                boolean insideItem = false;

                // Returns the type of current event: START\_TAG, END\_TAG, etc..

                int eventType = xpp.getEventType();

                while (eventType != XmlPullParser.END\_DOCUMENT)

                {

                    if (eventType == XmlPullParser.START\_TAG)

                    {

                        if (xpp.getName().equalsIgnoreCase("item"))

                        {

                            insideItem = true;

                        }

                        else if (xpp.getName().equalsIgnoreCase("title"))

                        {

                            if (insideItem)

                                headlines.add(xpp.nextText()); //extract the headline

                        }

                        else if (xpp.getName().equalsIgnoreCase("link"))

                        {

                            if (insideItem)

                                links.add(xpp.nextText()); //extract the link of article

                        }

                    }

                    else if(eventType==XmlPullParser.END\_TAG && xpp.getName().equalsIgnoreCase("item"))

                    {

                        insideItem=false;

                    }

                    eventType = xpp.next(); //move to next element

                }

            }

            catch (MalformedURLException e)

            {

                e.printStackTrace();

            }

            catch (XmlPullParserException e)

            {

                e.printStackTrace();

            }

            catch (IOException e)

            {

                e.printStackTrace();

            }

            return null;

        }

        protected void onPostExecute(ArrayAdapter adapter)

        {

            adapter = new ArrayAdapter(MainActivity.this, android.R.layout.simple\_list\_item\_1, headlines);

            setListAdapter(adapter);

        }

    }

    @Override

    protected void onListItemClick(ListView l, View v, int position, long id)

    {

        Uri uri = Uri.parse((links.get(position)).toString());

        Intent intent = new Intent(Intent.ACTION\_VIEW, uri);

        startActivity(intent);

    }

    public InputStream getInputStream(URL url)

    {

        try

        {

            return url.openConnection().getInputStream();

        }

        catch (IOException e)

        {

            return null;

        }

    }

}