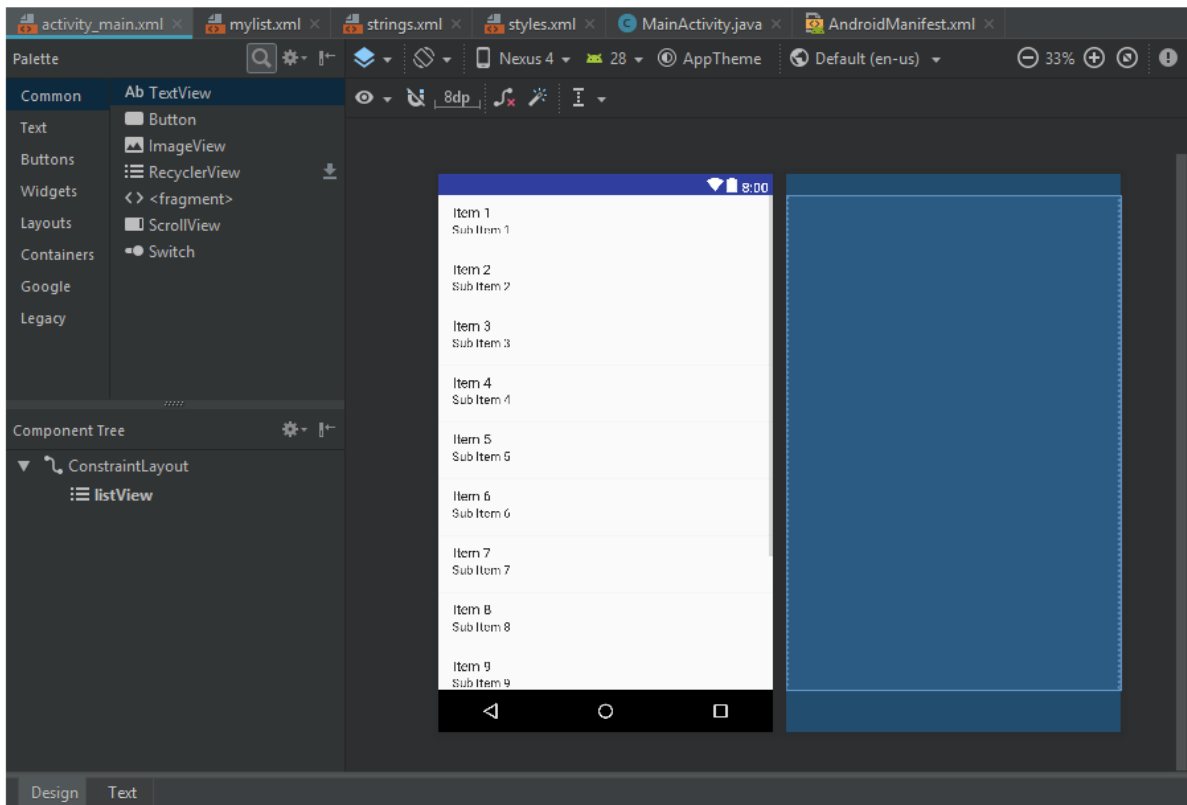




LIST VIEW IN ANDROID STUDIO

activity_main.xml [Design]



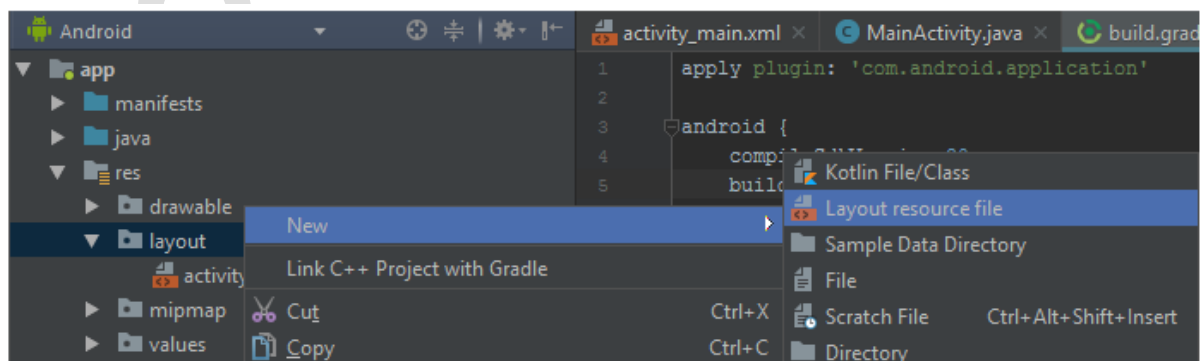
activity_main.xml [Text]

```
<?xml version="1.0" encoding="utf-8"?>
<android.support.constraint.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">

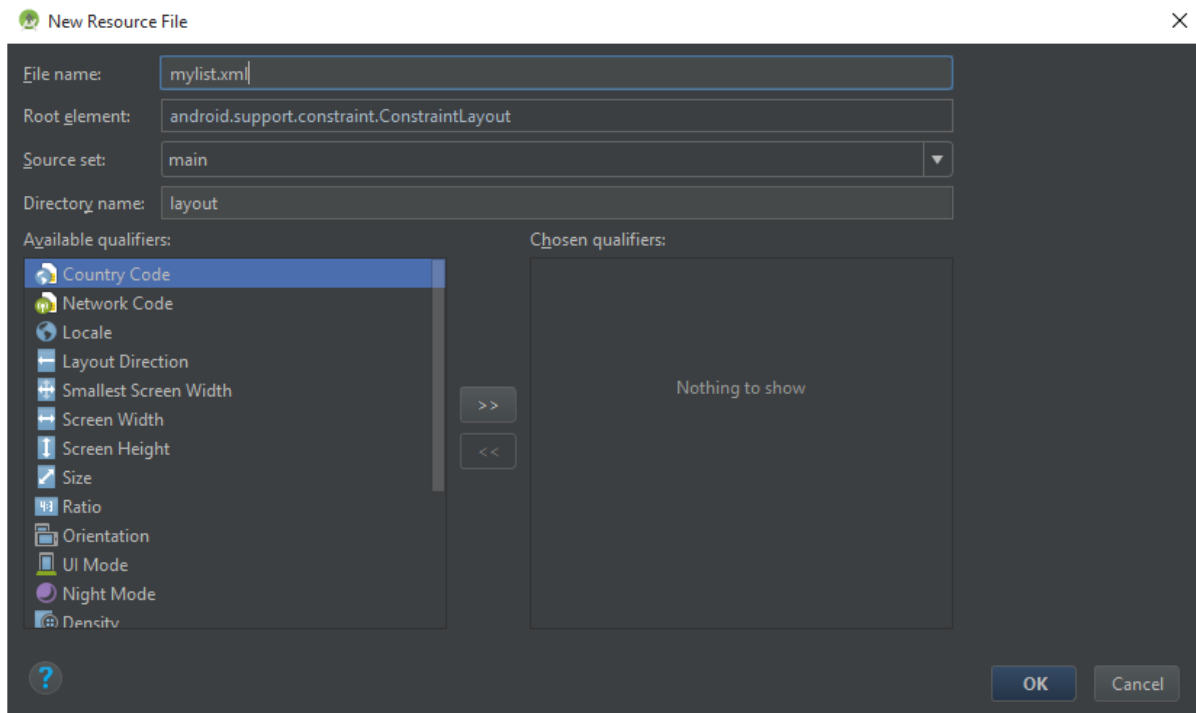
    <ListView
        android:id="@+id/listView"
        android:layout_width="match_parent"
        android:layout_height="fill_parent"
    />

</android.support.constraint.ConstraintLayout>
```

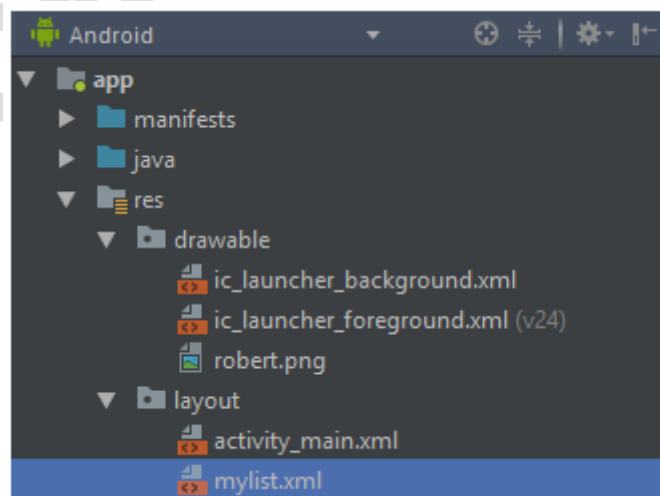
Create a New Layout resource file in the app\res\layout folder.



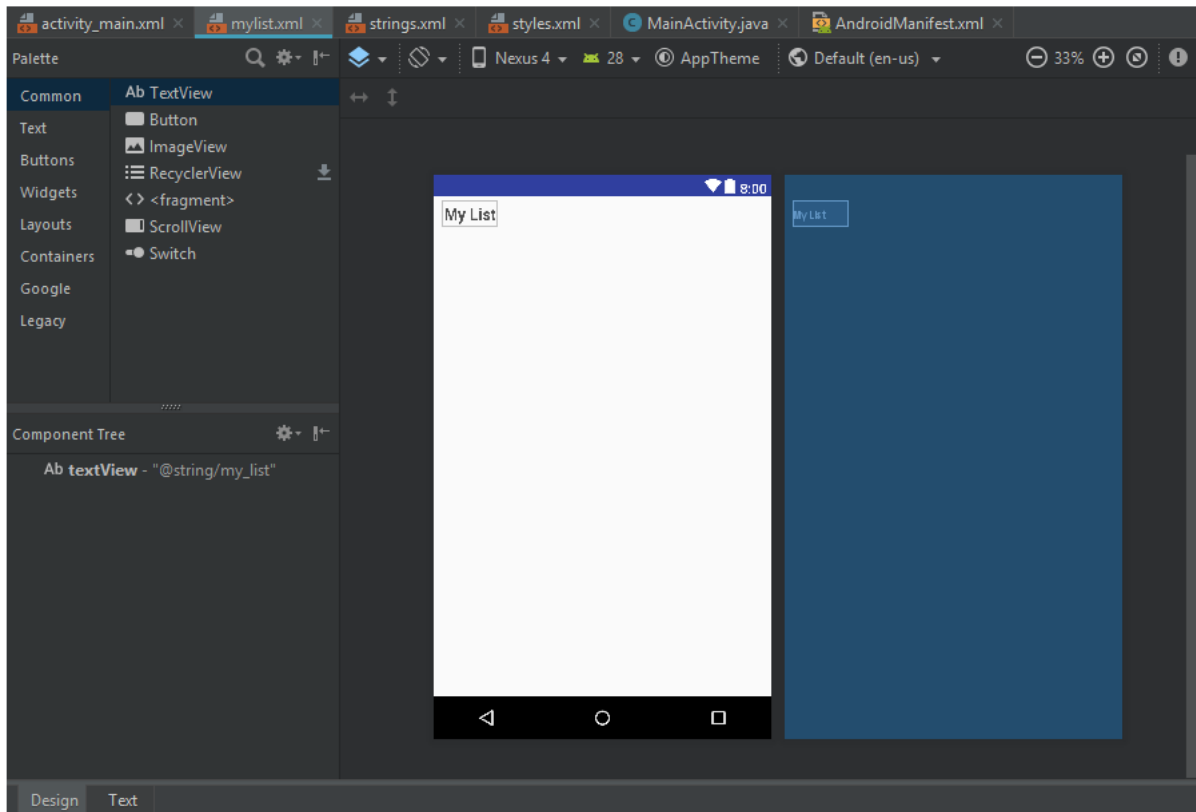
Name the layout file as mylist.xml



The layout file should appear in the same directory as activity_main.xml as shown below.



mylist.xml [Design]



mylist.xml [Text]

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

```
<TextView xmlns:android="http://schemas.android.com/apk/res/android"
    android:id="@+id/textView"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="@string/my_list"
    android:textStyle="bold"
    android:textAppearance="?android:attr/textAppearanceMedium"
    android:layout_marginLeft="10dp"
    android:layout_marginTop="5dp"
    android:padding="2dp">
```

```
android:textColor="#4d4d4d"
android:layout_marginStart="10dp" />
```

MainActivity.java

```
package robert.karamagi.listview;

import android.support.v7.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.TextView;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {
    ListView listView;
    TextView textView;
    String[] listItem;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        listView=(ListView)findViewById(R.id.listView);
        textView=(TextView)findViewById(R.id.textView);
        listItem = getResources().getStringArray(R.array.array_technology);
        final ArrayAdapter<String> adapter = new ArrayAdapter<String>(this,
            android.R.layout.simple_list_item_1, android.R.id.text1, listItem);
        listView.setAdapter(adapter);
```

```

listView.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();

    }
});
}
}

```

AndroidManifest.xml

```

<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="robert.karamagi.listview">

    <application
        android:allowBackup="true"
        android:icon="@drawable/robert"
        android:label="@string/app_name"
        android:roundIcon="@mipmap/ic_launcher_round"
        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>
```

strings.xml

```
<resources>
```

```
    <string name="app_name">List View</string>
```

```
    <string name="my_list">My List</string>
```

```
    <string-array name="array_technology">
```

```
        <item>Apple Pie</item>
```

```
        <item>Banana Bread</item>
```

```
        <item>Cupcake</item>
```

```
        <item>Donut</item>
```

```
        <item>Eclair</item>
```

```
        <item>Froyo</item>
```

```
        <item>Gingerbread</item>
```

```
        <item>Honeycomb</item>
```

```
        <item>Ice Cream Sandwich</item>
```

```
        <item>Jelly Bean</item>
```

```
        <item>KitKat</item>
```

```
        <item>Lollipop</item>
```

```
        <item>Marshmallow</item>
```

```
        <item>Nougat</item>
```

```
        <item>Oreo</item>
```

```
        <item>Pie</item>
```

```
    </string-array>
```

```
</resources>
```

colors.xml

```
<?xml version="1.0" encoding="utf-8"?>
<resources>
    <color name="colorPrimary">#8c03b6</color>
    <color name="colorPrimaryDark">#6902a9</color>
    <color name="colorAccent">#FF4081</color>
</resources>
```

Robert Karamagi



List View

Apple Pie

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List View

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