# Assignment 2: Shared Preferences, Listview, Constraint Layout

**Home Page:**

**Java file:**

package com.example.smd\_assignments.Assignment\_2;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Intent;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
  
import com.example.smd\_assignments.R;  
  
public class Student\_Main\_Activity extends AppCompatActivity {  
 private Button getid1;  
 private Button getid2;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_student\_main*);  
 getid1 = findViewById(R.id.*Activity1*);  
 getid2 = findViewById(R.id.*Activity2*);  
 getid1.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(Student\_Main\_Activity.this,Student\_Activity\_One.class);  
 startActivity(intent);  
 }  
 });  
 getid2.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(Student\_Main\_Activity.this,Student\_Activity\_Two.class);  
 startActivity(intent);  
 }  
 });  
 }  
}

**XML file:**

*<?*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"  
 android:background="@drawable/image1"  
 android:orientation="horizontal"  
 tools:context=".Assignment\_2.Student\_Main\_Activity">  
  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:id="@+id/constraintLayout2"  
 android:layout\_width="106dp"  
 android:layout\_height="89dp"  
 android:layout\_marginTop="60dp"  
 android:background="@drawable/baseline\_check\_circle\_outline\_24"  
 android:orientation="horizontal"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.498"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 tools:ignore="MissingConstraints,UselessParent">  
  
 </androidx.constraintlayout.widget.ConstraintLayout>  
  
 <TextView  
 android:id="@+id/textView4"  
 android:layout\_width="246dp"  
 android:layout\_height="65dp"  
 android:fontFamily="@font/adamina"  
 android:text="Database"  
 android:textAlignment="center"  
 android:textColor="@color/white"  
 android:textSize="40sp"  
 app:layout\_constraintBottom\_toTopOf="@+id/ConstraintLayout3"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.496"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/constraintLayout2"  
 app:layout\_constraintVertical\_bias="0.175"  
 tools:ignore="MissingConstraints" />  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:id="@+id/ConstraintLayout3"  
 android:layout\_width="335dp"  
 android:layout\_height="416dp"  
 android:layout\_marginBottom="60dp"  
 android:background="@drawable/rounded\_corner\_background"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 tools:ignore="ExtraText,MissingConstraints">  
  
  
 <Button  
 android:id="@+id/Activity1"  
 android:layout\_width="277dp"  
 android:layout\_height="106dp"  
 android:layout\_marginTop="96dp"  
 android:background="@drawable/rounded\_corner"  
 android:backgroundTint="#A8000000"  
 android:elevation="2dp"  
 android:fontFamily="@font/adamina"  
 android:padding="22dp"  
 android:text="student\_activity\_one"  
 android:textColor="@color/white"  
 android:textSize="15sp"  
 android:textStyle="bold"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <Button  
 android:id="@+id/Activity2"  
 android:layout\_width="277dp"  
 android:layout\_height="106dp"  
 android:background="@drawable/rounded\_corner"  
 android:backgroundTint="#A8000000"  
 android:elevation="2dp"  
 android:fontFamily="@font/adamina"  
 android:padding="22dp"  
 android:text="student\_activity\_Two"  
 android:textColor="@color/white"  
 android:textSize="15sp"  
 android:textStyle="bold"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/Activity1"  
 app:layout\_constraintVertical\_bias="0.12" />  
 />  
  
 </androidx.constraintlayout.widget.ConstraintLayout>  
  
</androidx.constraintlayout.widget.ConstraintLayout>

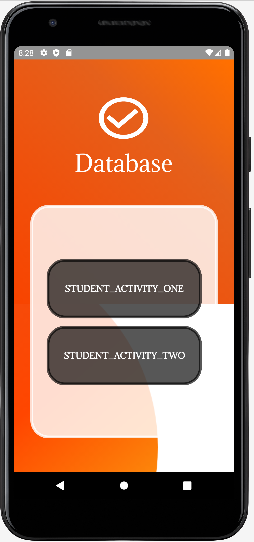
**Rounded Corner Background XML File Used in ID(ConstraintLayout3):**

*<?*xml version="1.0" encoding="utf-8"*?>*<shape xmlns:android="http://schemas.android.com/apk/res/android" android:shape="rectangle">  
 <stroke android:color="#D0FFFFFF" android:width="5dp"></stroke>  
 <corners android:radius="30dp"></corners>  
 <solid android:color="#D0FFFFFF"></solid>  
</shape>

**Rounded Corner XML File used in ID(Activity1) & (Activity2):**

*<?*xml version="1.0" encoding="utf-8"*?>*<shape xmlns:android="http://schemas.android.com/apk/res/android" android:shape="rectangle">  
 <stroke android:color="@color/white" android:width="5dp"></stroke>  
 <corners android:radius="30dp"></corners>  
</shape>

**Output:**



**Student\_Activity\_One:**

**Java file:**

package com.example.smd\_assignments.Assignment\_2;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.content.Context;  
import android.content.Intent;  
import android.content.SharedPreferences;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.Toast;  
  
import com.example.smd\_assignments.R;  
  
public class Student\_Activity\_One extends AppCompatActivity {  
 EditText editText\_name, editText\_CNIC, editText\_phone, editText\_sgpa, editText\_cgpa;  
 Button button\_Save;  
 Button button\_back;  
  
 String namesave, cnicsave, phonesave, sgpasave, cgpasave;  
 SharedPreferences sharedPreferences;  
  
 private static final String *SHARED\_PREF\_NAME* = "mypref";  
 private static final String *KEY\_Name* = "name";  
 private static final String *KEY\_Cnic* = "cnic";  
 private static final String *KEY\_Phone* = "phone";  
 private static final String *KEY\_Sgpa* = "sgpa";  
 private static final String *KEY\_Cgpa* = "cgpa";  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_student\_one*);  
  
 editText\_name = findViewById(R.id.*Student\_name*);  
 editText\_CNIC = findViewById(R.id.*Student\_cnic*);  
 editText\_phone = findViewById(R.id.*Student\_phone*);  
 editText\_sgpa = findViewById(R.id.*Student\_SGPA*);  
 editText\_cgpa = findViewById(R.id.*Student\_CGPA*);  
  
 button\_Save = findViewById(R.id.*save*);  
 sharedPreferences = getSharedPreferences("Myuserprefs", Context.*MODE\_PRIVATE*);  
  
 button\_Save.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 namesave = editText\_name.getText().toString();  
 cnicsave = editText\_CNIC.getText().toString();  
 phonesave = editText\_phone.getText().toString();  
 sgpasave = editText\_sgpa.getText().toString();  
 cgpasave = editText\_cgpa.getText().toString();  
  
  
 SharedPreferences.Editor editor = sharedPreferences.edit();  
  
 editor.putString("name", namesave);  
 editor.putString("cnic", cnicsave);  
 editor.putString("phone", phonesave);  
 editor.putString("sgpa", sgpasave);  
 editor.putString("cgpa", cgpasave);  
  
 editor.commit();  
 Toast.*makeText*(Student\_Activity\_One.this, "infomation save", Toast.*LENGTH\_LONG*).show();  
 }  
 });  
  
 button\_back = findViewById(R.id.*back*);  
  
 button\_back.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(Student\_Activity\_One.this, Student\_Main\_Activity.class);  
 startActivity(intent);  
 }  
 });  
 }  
}

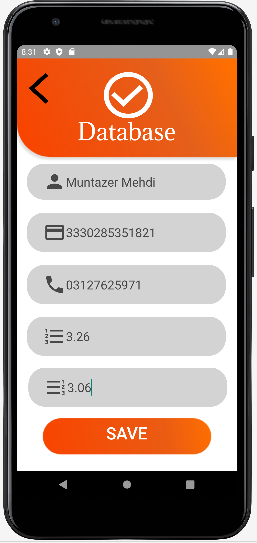
**XML file:**

*<?*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:id="@+id/ConstraintLayout1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="@drawable/image2"  
 tools:context=".Assignment\_2.Student\_Activity\_One">  
  
  
 <Button  
 android:id="@+id/back"  
 android:layout\_width="73dp"  
 android:layout\_height="66dp"  
 android:layout\_marginTop="20dp"  
 android:layout\_marginBottom="31dp"  
 android:background="@drawable/baseline\_arrow\_back\_ios\_24"  
 android:contentDescription="@string/hello\_first\_fragment"  
 android:textColor="@color/white"  
 android:textSize="30dp"  
 app:layout\_constraintBottom\_toTopOf="@+id/textView4"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.065"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.0" />  
  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:id="@+id/constraintLayout"  
 android:layout\_width="137dp"  
 android:layout\_height="104dp"  
 android:layout\_marginTop="16dp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 tools:ignore="MissingConstraints">  
  
 <Button  
 android:id="@+id/logo"  
 android:layout\_width="105dp"  
 android:layout\_height="99dp"  
 android:background="@drawable/baseline\_check\_circle\_outline\_24"  
 android:contentDescription="@string/hello\_first\_fragment"  
 android:textColor="@color/white"  
 android:textSize="2dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.571"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.0" />  
  
 </androidx.constraintlayout.widget.ConstraintLayout>  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:id="@+id/constraintLayout3"  
 android:layout\_width="382dp"  
 android:layout\_height="478dp"  
 android:layout\_marginStart="4dp"  
 android:layout\_marginBottom="4dp"  
 app:layout\_constraintBottom\_toTopOf="@+id/save"  
 app:layout\_constraintStart\_toStartOf="parent"  
 tools:ignore="MissingConstraints">  
  
 <EditText  
 android:id="@+id/Student\_name"  
 android:layout\_width="360dp"  
 android:layout\_height="69dp"  
 android:autofillHints="Name"  
 android:background="@drawable/rounded\_corner\_backgound\_2"  
 android:drawableStart="@drawable/baseline\_person\_24"  
 android:drawableTint="#A8000000"  
 android:ems="12"  
 android:hint=" Enter Name"  
 android:inputType="textPersonName"  
 android:padding="12dp"  
 android:paddingStart="32dp"  
 android:shadowColor="#000000"  
 android:textColor="#A8000000"  
 android:textColorHighlight="#A8000000"  
 android:textColorHint="#A8000000"  
 android:textSize="22dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.059" />  
  
 <EditText  
 android:id="@+id/Student\_cnic"  
 android:layout\_width="360dp"  
 android:layout\_height="75dp"  
 android:autofillHints="CNIC"  
 android:background="@drawable/rounded\_corner\_backgound\_2"  
 android:drawableStart="@drawable/baseline\_credit\_card\_24"  
 android:drawableTint="#A8000000"  
 android:ems="12"  
 android:hint=" Enter CNIC"  
 android:inputType="text|number"  
 android:padding="12dp"  
 android:paddingStart="32dp"  
 android:shadowColor="#000000"  
 android:textColor="#A8000000"  
 android:textColorHighlight="#A8000000"  
 android:textColorHint="#A8000000"  
 android:textSize="22dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/Student\_name"  
 app:layout\_constraintVertical\_bias="0.059"  
 tools:ignore="NotSibling" />  
  
 <EditText  
 android:id="@+id/Student\_phone"  
 android:layout\_width="360dp"  
 android:layout\_height="75dp"  
 android:autofillHints="Phone"  
 android:background="@drawable/rounded\_corner\_backgound\_2"  
 android:drawableStart="@drawable/baseline\_local\_phone\_24"  
 android:drawableTint="#A8000000"  
 android:ems="12"  
 android:hint=" Enter Phone"  
 android:inputType="text|phone"  
 android:padding="12dp"  
 android:paddingStart="32dp"  
 android:shadowColor="#000000"  
 android:textColor="#A8000000"  
 android:textColorHighlight="#A8000000"  
 android:textColorHint="#A8000000"  
 android:textSize="22dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/Student\_cnic"  
 app:layout\_constraintVertical\_bias="0.084"  
 tools:ignore="NotSibling" />  
  
 <EditText  
 android:id="@+id/Student\_SGPA"  
 android:layout\_width="360dp"  
 android:layout\_height="75dp"  
 android:autofillHints="SGPA"  
 android:background="@drawable/rounded\_corner\_backgound\_2"  
 android:drawableStart="@drawable/baseline\_format\_list\_numbered\_24"  
 android:drawableTint="#A8000000"  
 android:ems="12"  
 android:hint=" Enter SGPA"  
 android:inputType="text|numberDecimal"  
 android:padding="12dp"  
 android:paddingStart="32dp"  
 android:shadowColor="#000000"  
 android:textColor="#A8000000"  
 android:textColorHighlight="#A8000000"  
 android:textColorHint="#A8000000"  
 android:textSize="22dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/Student\_phone"  
 app:layout\_constraintVertical\_bias="0.137" />  
  
 <EditText  
 android:id="@+id/Student\_CGPA"  
 android:layout\_width="360dp"  
 android:layout\_height="75dp"  
 android:autofillHints="CGPA"  
 android:background="@drawable/rounded\_corner\_backgound\_2"  
 android:drawableStart="@drawable/baseline\_format\_list\_numbered\_rtl\_24"  
 android:drawableTint="#A8000000"  
 android:ems="12"  
 android:hint=" Enter CGPA"  
 android:inputType="text|numberDecimal"  
 android:padding="12dp"  
 android:paddingStart="32dp"  
 android:shadowColor="#000000"  
 android:textColor="#A8000000"  
 android:textColorHighlight="#A8000000"  
 android:textColorHint="#A8000000"  
 android:textSize="22dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.619"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/Student\_SGPA" />  
  
 </androidx.constraintlayout.widget.ConstraintLayout>  
  
 <Button  
 android:id="@+id/save"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="0dp"  
 android:layout\_marginBottom="44dp"  
 android:background="#00000000"  
 android:text="Save"  
 android:textColor="@color/white"  
 android:textSize="30dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.498"  
 app:layout\_constraintStart\_toStartOf="parent" />  
  
 <TextView  
 android:id="@+id/textView4"  
 android:layout\_width="236dp"  
 android:layout\_height="70dp"  
 android:layout\_marginTop="8dp"  
 android:layout\_marginBottom="17dp"  
 android:fontFamily="@font/adamina"  
 android:text="Database"  
 android:textAlignment="center"  
 android:textColor="@color/white"  
 android:textSize="40sp"  
 app:layout\_constraintBottom\_toTopOf="@+id/constraintLayout3"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.496"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/constraintLayout"  
 app:layout\_constraintVertical\_bias="0.47"  
 tools:ignore="MissingConstraints" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**Rounded Corner Background 2 XML File Used in ID(Student\_name) & (Student\_cnic) & (Student\_phone) & (Student\_sgpa) & (Student\_cgpa):**

*<?*xml version="1.0" encoding="utf-8"*?>*<shape xmlns:android="http://schemas.android.com/apk/res/android" android:shape="rectangle">  
 <stroke android:color="#00000000" android:width="5dp"></stroke>  
 <corners android:radius="30dp"></corners>  
 <solid android:color="#2C000000"></solid>  
</shape>

**Output:**



**Student\_Activity\_Two:**

**Java file:**

package com.example.smd\_assignments.Assignment\_2;  
  
import androidx.annotation.NonNull;  
import androidx.annotation.Nullable;  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.annotation.SuppressLint;  
import android.content.Context;  
import android.content.Intent;  
import android.content.SharedPreferences;  
import android.os.Bundle;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.ArrayAdapter;  
import android.widget.Button;  
import android.widget.ListView;  
import android.widget.TextView;  
  
import com.example.smd\_assignments.R;  
  
import java.util.Arrays;  
import java.util.Collections;  
  
public class Student\_Activity\_Two extends AppCompatActivity {  
  
  
 SharedPreferences sharedPreferences;  
  
 private static final String SHARED\_PREF\_NAME = "mypref";  
 private static final String KEY\_NAME = "name";  
 String[] country;  
 ListView listView;  
  
 Button button\_back\_2;  
  
 @SuppressLint("MissingInflatedId")  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.activity\_student\_two);  
  
 listView = findViewById(R.id.listview1);  
  
  
 sharedPreferences = getApplication().getSharedPreferences("Myuserprefs", Context.MODE\_PRIVATE);  
 String name = sharedPreferences.getString("name", "");  
 String cnic = sharedPreferences.getString("cnic", "");  
 String phone = sharedPreferences.getString("phone", "");  
 String sgpa = sharedPreferences.getString("sgpa", "");  
 String cgpa = sharedPreferences.getString("cgpa", "");  
  
 country = new String[]{name,cnic,phone,sgpa,cgpa,""};  
  
 ArrayAdapter adapter = new ArrayAdapter<String>(Student\_Activity\_Two.this, R.layout.custom\_list\_view, R.id.nameid, country)  
 {  
 @NonNull  
 @Override  
 public View getView(int position, @Nullable View convertView, @NonNull ViewGroup parent) {  
 View view = super.getView(position, convertView, parent);  
 if(position % 2 == 1)  
 {  
 view.setBackgroundColor(getResources().getColor(  
 android.R.color.system\_accent2\_500  
 ));  
 }  
 else {  
 if(position == 0)  
 {  
 view.setBackground(getResources().getDrawable(  
 R.drawable.rounded\_corner\_backgound\_3  
 ));  
 }  
 else {  
 view.setBackgroundColor(getResources().getColor(  
 android.R.color.system\_accent3\_600  
 ));  
 }  
 }  
 return view;  
 }  
 };  
 listView.setAdapter(adapter);  
  
 button\_back\_2 = findViewById(R.id.back2);  
  
 button\_back\_2.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Intent intent = new Intent(Student\_Activity\_Two.this, Student\_Main\_Activity.class);  
 startActivity(intent);  
 }  
 });  
  
 }  
}

**XML file:**

*<?*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"  
 android:background="@drawable/image3"  
 tools:context=".Assignment\_2.Student\_Activity\_Two">  
  
 <Button  
 android:id="@+id/back2"  
 android:layout\_width="73dp"  
 android:layout\_height="66dp"  
 android:layout\_marginTop="20dp"  
 android:layout\_marginBottom="31dp"  
 android:background="@drawable/baseline\_arrow\_back\_ios\_24"  
 android:contentDescription="@string/hello\_first\_fragment"  
 android:textColor="@color/white"  
 android:textSize="30dp"  
 app:layout\_constraintBottom\_toTopOf="@+id/textView4"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.065"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.0" />  
  
 <Button  
 android:id="@+id/logo"  
 android:layout\_width="105dp"  
 android:layout\_height="99dp"  
 android:background="@drawable/baseline\_check\_circle\_outline\_24"  
 android:contentDescription="@string/hello\_first\_fragment"  
 android:textColor="@color/white"  
 android:textSize="2dp"  
 app:layout\_constraintBottom\_toTopOf="@+id/listview1"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.11"  
 tools:ignore="MissingConstraints" />  
  
 <ListView  
 android:id="@+id/listview1"  
 android:layout\_width="349dp"  
 android:layout\_height="435dp"  
 android:layout\_marginBottom="88dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 tools:listitem="@layout/custom\_list\_view" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**Custom\_List\_View XML File:**

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
  
 <TextView  
 android:id="@+id/nameid"  
 android:layout\_width="190dp"  
 android:layout\_height="80dp"  
 android:layout\_marginLeft="70dp"  
 android:textColor="@color/white"  
 android:fontFamily="@font/open\_sans"  
 android:gravity="center"  
 android:text="name"  
 android:textSize="25dp" />  
  
</RelativeLayout>

**Rounded Corner Background 3 XML File Used at position 0 of list view:**

*<?*xml version="1.0" encoding="utf-8"*?>*<shape xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:shape="rectangle">  
 <stroke android:color="#272726" android:width="5dp"></stroke>  
 <corners android:topLeftRadius="40dp" android:topRightRadius="40dp"></corners>  
 <solid android:color="#272726"></solid>  
</shape>

**Output:**

