In a string.xml , create new string array titled cities in resources tag.

<resources>  
 <string name="app\_name">Autocomplete</string>  
  
 <string-array name="cities">  
 <item> Jaipur </item>  
 <item> Mumbai </item>  
 <item> Surat </item>  
 <item> Delhi </item>  
 <item> Jabalpur </item>  
 <item> Gwalior </item>  
 <item> Bhopal </item>  
 </string-array>  
  
</resources>

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Activity\_main.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<LinearLayout  
 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:orientation="vertical"  
 tools:context=".MainActivity">  
  
  
 <AutoCompleteTextView  
 android:id="@+id/autoCompleteTextView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="15dp"  
 android:completionThreshold="2"  
 android:hint="Select a State"  
 android:completionHint="Select a State"  
 />  
  
 <TextView  
 android:id="@+id/txtView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:hint="Selected State: "  
 android:layout\_marginTop="10dp"  
 android:layout\_marginLeft="15dp"  
 android:textColor="@color/purple\_700"  
 android:textStyle="bold"  
 android:textSize="15sp"  
 android:paddingBottom="16dp"/>  
  
 <AutoCompleteTextView  
 android:id="@+id/autoCompleteTextViewcity"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginLeft="15dp"  
 android:completionThreshold="1"  
 android:hint="Select a City"  
 android:completionHint="Select City"  
 />  
  
 <TextView  
 android:id="@+id/txtView1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:hint="Selected City: "  
 android:layout\_marginTop="10dp"  
 android:layout\_marginLeft="15dp"  
 android:textColor="@color/purple\_700"  
 android:textStyle="bold"  
 android:textSize="15sp"  
 android:paddingBottom="16dp"/>  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Submit"  
 android:layout\_gravity="center"  
 android:id="@+id/btnSubmit"/>  
  
</LinearLayout>

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MainActivity.java

package com.sonal.autocomplete;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.ArrayAdapter;  
import android.widget.AutoCompleteTextView;  
import android.widget.Button;  
import android.widget.TextView;  
  
import java.util.ArrayList;  
  
public class MainActivity extends AppCompatActivity {  
 AutoCompleteTextView actText, actTextcity;  
 TextView textView, textView1;  
 ArrayList<String> states=new ArrayList<>();  
 Button btnSubmit;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 actText=findViewById(R.id.*autoCompleteTextView*);  
 actTextcity=findViewById(R.id.*autoCompleteTextViewcity*);  
 textView=findViewById(R.id.*txtView*);  
 textView1=findViewById(R.id.*txtView1*);  
 btnSubmit=findViewById(R.id.*btnSubmit*);  
  
 states.add("Rajasthan");  
 states.add("Gujarat");  
 states.add("Madhya Pradesh");  
 states.add("Manipur");  
 states.add("Assam");  
 states.add("Arunachal Pradesh");  
  
 ArrayAdapter<String> actadapter = new ArrayAdapter<String>(getApplicationContext(), android.R.layout.*simple\_list\_item\_1*, states);  
 actText.setAdapter(actadapter);  
  
 String[] cities= getResources().getStringArray(R.array.*cities*);  
  
 ArrayAdapter<String> actadaptercity = new ArrayAdapter<String>(getApplicationContext(), android.R.layout.*simple\_list\_item\_1*, cities);  
 actTextcity.setAdapter(actadaptercity);  
  
  
 btnSubmit.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 textView.setText(actText.getText().toString());  
 textView1.setText(actTextcity.getText().toString());  
  
 }  
 });  
  
  
 }  
}