Activity\_main.xml

*<?***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"**>

<**TextView**

**android:id="@+id/textView"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="Enter a Programming Language: "**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintHorizontal\_bias="0.501"**

**app:layout\_constraintLeft\_toLeftOf="parent"**

**app:layout\_constraintRight\_toRightOf="parent"**

**app:layout\_constraintTop\_toTopOf="parent"**

**app:layout\_constraintVertical\_bias="0.221"** />

<**AutoCompleteTextView**

**android:id="@+id/autoCompleteTextView"**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:layout\_marginBottom="8dp"**

**android:layout\_marginEnd="8dp"**

**android:layout\_marginStart="8dp"**

**android:layout\_marginTop="8dp"**

**android:hint="C,C++,Java,.."**

**app:layout\_constraintBottom\_toBottomOf="parent"**

**app:layout\_constraintEnd\_toEndOf="parent"**

**app:layout\_constraintHorizontal\_bias="0.502"**

**app:layout\_constraintStart\_toStartOf="parent"**

**app:layout\_constraintTop\_toBottomOf="@+id/textView"**

**app:layout\_constraintVertical\_bias="0.141"** />

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

MainActivity.java

**package** com.example.jevitha.a7\_autocompletetextview;

**import** android.graphics.Color;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**import** android.view.MotionEvent;

**import** android.view.View;

**import** android.widget.ArrayAdapter;

**import** android.widget.AutoCompleteTextView;

**public class** MainActivity **extends** AppCompatActivity {

String[] **language** ={**"C"**,**"C++"**,**"Java"**,**"Python"**,**"PHP"**,**"Kotlin"**,**"LISP"**,**"Prolog"**};

AutoCompleteTextView **atv**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

setContentView(R.layout.***activity\_main***);

*//Try out android.R.layout.select\_dialog\_item,android.R.layout.simple\_dropdown\_item\_1line,etc*

ArrayAdapter<String> adapter = **new** ArrayAdapter<String>(**this**,

android.R.layout.***simple\_selectable\_list\_item***,**language**);

**atv**= (AutoCompleteTextView)findViewById(R.id.***autoCompleteTextView***);

**atv**.setThreshold(1);

**atv**.setAdapter(adapter);

**atv**.setTextColor(Color.***BLUE***);

**atv**.setOnTouchListener(**new** View.OnTouchListener(){

@Override

**public boolean** onTouch(View v, MotionEvent event){

atv.showDropDown();

**return false**;

}

});

}

}