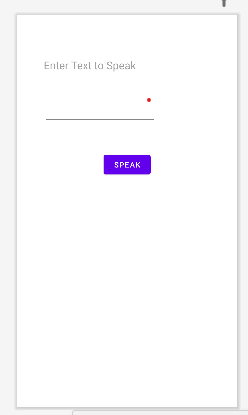
**Java**

**package** com.example.program7\_texttospeech;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.speech.tts.TextToSpeech;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.Toast;  
**import** java.util.Locale;  
  
**public class** MainActivity **extends** AppCompatActivity **implements** View.OnClickListener {  
 EditText **txtSpeak**;  
 Button **btnSpeak**;  
 TextToSpeech **textToSpeech**;  
  
@Override  
**protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 **txtSpeak**=(EditText)findViewById(R.id.***editText***);  
 **btnSpeak**=(Button)findViewById(R.id.***btn\_speak***);  
 **btnSpeak**.setOnClickListener(**this**);  
 **textToSpeech**=**new** TextToSpeech(getBaseContext(),  
 **new** TextToSpeech.OnInitListener() {  
  
@Override  
**public void** onInit(**int** status) {  
 **if**(status!=TextToSpeech.***ERROR***)  
 {  
 Toast.*makeText*(getBaseContext(),**"Success"**, Toast.LENGTH\_LONG).show();  
 }  
 }  
 });  
 textToSpeech.setLanguage(Locale.UK);  
 }  
**public void** onClick(View v)  
 {  
 String text=txtSpeak.getText().toString();  
 textToSpeech.speak(text,TextToSpeech.QUEUE\_FLUSH,**null**);  
 }  
 }

**XML**

*?***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/txt\_texttospeak"  
 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:layout\_marginStart="50dp"  
 android:layout\_marginTop="80dp"  
 android:hint="Enter Text to Speak"  
 android:textSize="20dp"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"** />  
  
 <**EditText  
 android:id="@+id/editText"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="48dp"  
 android:ems="10"  
 android:inputType="textPersonName"  
 android:minHeight="48dp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.0"  
 app:layout\_constraintStart\_toStartOf="@+id/textView"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView"  
 tools:ignore="SpeakableTextPresentCheck"** />  
 <**Button  
 android:id="@+id/btn\_speak"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="52dp"  
 android:text="Speak"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/editText"** />  
  
</**androidx.constraintlayout.widget.ConstraintLayout**>

****