**activity\_main.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:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity"**>  
  
 <**EditText  
 android:id="@+id/txt1"  
 android:layout\_width="351dp"  
 android:layout\_height="52dp"  
 android:layout\_marginTop="100dp"  
 android:ems="10"  
 android:inputType="textPersonName"  
 android:textSize="24sp"  
 android:textStyle="bold"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/textView"** />  
  
 <**Button  
 android:id="@+id/btn1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="100dp"  
 android:text="SPEAK"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.501"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/txt1"** />  
  
 <**TextView  
 android:id="@+id/textView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="150dp"  
 android:text="ENTER TEXT TO SPEAK"  
 android:textSize="34sp"  
 android:textStyle="bold"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.51"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"** />  
  
</**androidx.constraintlayout.widget.ConstraintLayout**>

**Main\_activity.java**

**package** com.example.myapplication;  
  
**import** androidx.appcompat.app.AppCompatActivity;  
  
**import** android.os.Bundle;  
  
**import** android.\*;  
**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 **txt**;  
 Button **btn**;  
 TextToSpeech **tts**;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
  
  
  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main***);  
 **txt**=(EditText)findViewById(R.id.***txt1***);  
 **btn**=(Button)findViewById(R.id.***btn1***);  
 **btn**.setOnClickListener(**this**);  
 **tts**=**new** TextToSpeech(getBaseContext(),**new** TextToSpeech.OnInitListener(){  
 **public void** onInit(**int** status){  
 **if**(status!=TextToSpeech.***ERROR***){  
 Toast.*makeText*(getBaseContext(),**"Success"**,Toast.***LENGTH\_LONG***).show();  
 }  
 }  
 });  
 **tts**.setLanguage(Locale.***UK***);  
 }  
  
 @Override  
 **public void** onClick(View v) {  
 String text=**txt**.getText().toString();  
 **tts**.speak(text,TextToSpeech.***QUEUE\_FLUSH***,**null**);  
  
  
 }  
}