Activity_main.xml

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout 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:layout alignParentEnd="true"
android:layout_alignParentRight="true"
android:layout_alignParentBottom="true"
android:layout_marginEnd="59dp"
android:layout marginRight="59dp"
android:layout marginBottom="649dp"
android:text="Text2SpeechApp"
android:textSize="40dp" />
<EditText
android:id="@+id/editText"
android:layout_width="wrap_content"
android:layout height="wrap content"
android:layout_alignParentEnd="true"
android:layout_alignParentRight="true"
android:layout_alignParentBottom="true"
android:layout marginEnd="101dp"
android:layout marginRight="101dp"
android:layout_marginBottom="514dp"
android:ems="10"
android:hint="Enter the text to be converted"
android:inputType="textPersonName"
android:text=""/>
<Button
android:id="@+id/button"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:layout_alignParentEnd="true"
android:layout_alignParentRight="true"
android:layout alignParentBottom="true"
android:layout marginEnd="162dp"
android:onClick="convert"
android:layout marginRight="162dp"
android:layout_marginBottom="329dp"
android:text="Convert" />
</RelativeLayout>
```

MainActivity.java

```
import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import android.speech.tts.TextToSpeech;
import android.view.View;
import android.widget.EditText;
import android.widget.Toast;
import java.util.Locale;
public class MainActivity extends AppCompatActivity {
TextToSpeech t1;
EditText e1;
@Override
protected void onCreate(Bundle savedInstanceState) {
super.onCreate(savedInstanceState);
setContentView(R.layout.activity_main);
e1 = findViewById(R.id.editText);
t1 = new TextToSpeech(getApplicationContext(), new
TextToSpeech.OnInitListener() {
@Override
public void onInit(int status) {
if (status!=TextToSpeech.ERROR){
t1.setLanguage(Locale.UK);
}
}
});
public void convert(View view){
String tospeak = e1.getText().toString();
t1.speak(tospeak,TextToSpeech.QUEUE_FLUSH,null);
}
```