

Celsius to Fahrenheit Converter

activity_main.xml:

```
android:layout_width="match_parent"
android:layout_height="match_parent">

android:id="@+id/cBox"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:hint="Enter Celsius"
android:inputType="numberDecimal"
android:ems="10"
app:layout_constraintTop_toTopOf="parent"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintEnd_toEndOf="parent"/>

android:id="@+id/convBtn"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:text="Convert"
app:layout_constraintTop_toBottomOf="@+id/cBox"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintEnd_toEndOf="parent"/>

android:id="@+id/result"
android:layout_width="wrap_content"
android:layout_height="wrap_content"
android:textSize="20sp"
app:layout_constraintTop_toBottomOf="@+id/convBtn"
app:layout_constraintStart_toStartOf="parent"
app:layout_constraintEnd_toEndOf="parent"/>
```

MainActivity.java:

```
package com.example.tempconvert;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.TextView;

public class MainActivity extends AppCompatActivity {

    EditText c;
    TextView res;
```

Button conv;

```
@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);

    c = findViewById(R.id.cBox);
    res = findViewById(R.id.result);
    conv = findViewById(R.id.convBtn);

    conv.setOnClickListener(new View.OnClickListener() {
        @Override
        public void onClick(View view) {
            double cel = Double.parseDouble(c.getText().toString());
            double fah = (cel * 9/5) + 32;
            res.setText("Fahrenheit: " + fah);
        }
    });
}
```