package com.example.blgm419\_fah\_celsius;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.EditText;

import android.widget.RadioButton;

import android.widget.TextView;

import android.widget.Toast;

import androidx.activity.EdgeToEdge;

import androidx.appcompat.app.AppCompatActivity;

import androidx.core.graphics.Insets;

import androidx.core.view.ViewCompat;

import androidx.core.view.WindowInsetsCompat;

public class MainActivity extends AppCompatActivity {

private EditText et\_derece;

private TextView tv\_sonuc;

private Button bt\_cevir;

private RadioButton rb\_F,rb\_c;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

EdgeToEdge.enable(this);

setContentView(R.layout.activity\_main);

ViewCompat.setOnApplyWindowInsetsListener(findViewById(R.id.main), (v, insets) -> {

Insets systemBars = insets.getInsets(WindowInsetsCompat.Type.systemBars());

v.setPadding(systemBars.left, systemBars.top, systemBars.right, systemBars.bottom);

return insets;

});

et\_derece=findViewById(R.id.editTextText);

tv\_sonuc=findViewById(R.id.textView);

bt\_cevir=findViewById(R.id.button);

rb\_F=findViewById(R.id.radioButton);

rb\_c=findViewById(R.id.radioButton2);

bt\_cevir.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

if (et\_derece.getText().toString().isEmpty()){

Toast.makeText(MainActivity.this, "Bir derece giriniz", Toast.LENGTH\_SHORT).show();

} else {

if (rb\_F.isChecked()){

double c=Double.parseDouble(et\_derece.getText().toString());

double Cel=((9.0/5)\*c)+32;

String sonuc="Sonuc: "+Cel+" Fahrenhite";

tv\_sonuc.setText(sonuc);

}

if (rb\_c.isChecked()){

double r=Double.parseDouble(et\_derece.getText().toString());

double Cel=(5.0/9)\*(r-32);

String sonuc="Sonuc: "+Cel+" Celcius ";

tv\_sonuc.setText(sonuc);

}

}

}

});

}

}