package com.example.mobprogass1;  
  
import androidx.appcompat.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
  
import java.text.DecimalFormat;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 Button ConvertMilesToKm = (Button) findViewById(R.id.*ConvertMilesToKm*);  
 ConvertMilesToKm.setOnClickListener(new View.OnClickListener(){  
 public void onClick(View v){  
 EditText textBoxKm = (EditText) findViewById(R.id.*KmConverter*);  
 EditText textBoxMiles = (EditText) findViewById(R.id.*MilesConverter*);  
 double vMiles = Double.*valueOf*(textBoxMiles.getText().toString());  
 double vKm = vMiles / 0.62137;  
 DecimalFormat formatVal = new DecimalFormat("##.##");  
 textBoxKm.setText(formatVal.format(vKm));  
  
 }  
 });  
 Button ConvertKmtoMiles = (Button) findViewById(R.id.ConvertKmtoMiles);  
 ConvertKmtoMiles.setOnClickListener(new View.OnClickListener(){  
 public void onClick(View v){  
 EditText textBoxKm = (EditText) findViewById(R.id.KmConverter);  
 EditText textBoxMiles = (EditText) findViewById(R.id.MilesConverter);  
 double vKm = Double.valueOf(textBoxKm.getText().toString());  
 double vMiles = vKm \* 0.62137;  
 DecimalFormat formatVal = new DecimalFormat("##.##");  
 textBoxMiles.setText(formatVal.format(vMiles));  
 }  
 });  
 }  
}