package com.example.milestokilometer;  
  
 import android.support.v7.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 conMilesToKm = (Button) findViewById(R.id.*conMilesToKm*);  
 conMilesToKm.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 EditText textBoxMiles = (EditText) findViewById(R.id.*editTextMiles*);  
 EditText textBoxKM = (EditText) findViewById(R.id.*editTextKM*);  
 double vMiles = Double.*valueOf*(textBoxMiles.getText().toString());  
 double vKm = vMiles / 0.61237;  
 DecimalFormat formatVal = new DecimalFormat("##.##");  
 textBoxKM.setText(formatVal.format(vKm));  
  
 }  
 });  
 Button conKMtoMiles = (Button) findViewById(R.id.*conKMtoMiles*);  
 conKMtoMiles.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 EditText textBoxMiles = (EditText) findViewById(R.id.*editTextMiles*);  
 EditText textBoxKM = (EditText) findViewById(R.id.*editTextKM*);  
 double vKm = Double.*valueOf*(textBoxKM.getText().toString());  
 double vMiles = vKm \* 0.61237;  
 DecimalFormat formatVal = new DecimalFormat("##.##");  
 textBoxMiles.setText(formatVal.format(vMiles));  
  
 }  
 });  
 }  
}