package com.stanislavsurov.x\_ogame\_v1;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import java.util.Random;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
public class Main\_Old {  
 package com.stanislavsurov.x\_ogame\_v1;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
import android.widget.Toast;  
  
import java.util.Random;  
  
 public class Old\_MainActivity extends AppCompatActivity {  
 private Button sq0\_0, sq0\_1, sq0\_2, sq1\_0, sq1\_1, sq1\_2, sq2\_0, sq2\_1, sq2\_2;  
  
 private Button[][] mfields = {{sq0\_0, sq0\_1, sq0\_2},  
 {sq1\_0, sq1\_1, sq1\_2},  
 {sq2\_0, sq2\_1, sq2\_2}};  
  
 private int count = 0;  
 private TextView resultTextView;  
  
 @Override  
// protected void onCreate(Bundle savedInstanceState) {  
// super.onCreate(savedInstanceState);  
// setContentView(R.layout.activity\_main);  
  
 // resultTextView = findViewById(R.id.te);  
  
 mfields[0][0] = findViewById(R.id.*sq\_0\_0*);  
 mfields[0][0].setOnClickListener(onClickListener);  
  
 mfields[0][1] = findViewById(R.id.*sq\_0\_1*);  
 mfields[0][1].setOnClickListener(onClickListener);  
  
 mfields[0][2] = findViewById(R.id.*sq\_0\_2*);  
 mfields[0][2].setOnClickListener(onClickListener);  
  
 mfields[1][0] = findViewById(R.id.*sq\_1\_0*);  
 mfields[1][0].setOnClickListener(onClickListener);  
  
 mfields[1][1] = findViewById(R.id.*sq\_1\_1*);  
 mfields[1][1].setOnClickListener(onClickListener);  
  
 mfields[1][2] = findViewById(R.id.*sq\_1\_2*);  
 mfields[1][2].setOnClickListener(onClickListener);  
  
 mfields[2][0] = findViewById(R.id.*sq\_2\_0*);  
 mfields[2][0].setOnClickListener(onClickListener);  
  
 mfields[2][1] = findViewById(R.id.*sq\_2\_1*);  
 mfields[2][1].setOnClickListener(onClickListener);  
  
 mfields[2][2] = findViewById(R.id.*sq\_2\_2*);  
 mfields[2][2].setOnClickListener(onClickListener);  
 }  
  
  
  
 View.OnClickListener onClickListener = new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 switch (v.getId()){  
 case R.id.*sq\_0\_0*:  
 mfields[0][0].setText("X");  
 break;  
  
 case R.id.*sq\_0\_1*:  
 mfields[0][1].setText("X");  
 break;  
  
 case R.id.*sq\_0\_2*:  
 mfields[0][2].setText("X");  
 break;  
  
 case R.id.*sq\_1\_0*:  
 mfields[1][0].setText("X");  
 break;  
  
 case R.id.*sq\_1\_1*:  
 mfields[1][1].setText("X");  
 break;  
  
 case R.id.*sq\_1\_2*:  
 mfields[1][2].setText("X");  
 break;  
  
 case R.id.*sq\_2\_0*:  
 mfields[2][0].setText("X");  
 break;  
  
 case R.id.*sq\_2\_1*:  
 mfields[2][1].setText("X");  
 break;  
  
 case R.id.*sq\_2\_2*:  
 mfields[2][2].setText("X");  
 break;  
 }  
 if (count < 4){  
 pcTurn();  
 count++;  
 } else {  
 count = 0;  
 }  
  
 }  
 };  
  
 public void cleanAll() {  
 for (int i=0; i<mfields.length; i++){  
 for (int j=0; j<mfields[i].length; j++){  
 mfields[i][j].setText("");  
 }  
 }  
  
 }  
  
 private void pcTurn() {  
 Random random = new Random();  
 int line = 0;  
 int column = 0;  
 boolean result = false;  
 boolean result\_1 = false;  
  
 for (int i = 0; i < mfields.length; i++) {  
 String val\_1 = mfields[i][0].getText().toString();  
 String val\_2 = mfields[i][1].getText().toString();  
 String val\_3 = mfields[i][2].getText().toString();  
  
 result = evaluation(val\_1, val\_2, val\_3);  
 if (result){  
 break;  
 }  
  
 String val\_1\_1 = mfields[0][i].getText().toString();  
 String val\_2\_1 = mfields[1][i].getText().toString();  
 String val\_3\_1 = mfields[2][i].getText().toString();  
  
 result\_1 = evaluation(val\_1\_1, val\_2\_1, val\_3\_1);  
 if (result\_1){  
 break;  
 }  
 }  
  
  
 if (result | result\_1){  
 Toast.makeText(this, "You won!", Toast.*LENGTH\_SHORT*).show();  
 cleanAll();  
 } else {  
 do {  
 line = random.nextInt(3);  
 column = random.nextInt(3);  
 } while (mfields[line][column].getText().toString().equals("X")  
 | mfields[line][column].getText().toString().equals("O"));  
  
 mfields[line][column].setText("O");  
 }  
  
 }  
  
 private boolean evaluation(String val\_1, String val\_2, String val\_3){  
 if (val\_1.equals("X") & val\_2.equals("X") & val\_3.equals("X")  
 | val\_1.equals("O") & val\_2.equals("O") & val\_3.equals("O")) {  
 return true;  
 } else {  
 return false;  
 }  
 }  
  
 }  
}